

III. NEW ENTRANT USE OF INCUMBENT SERVICES AND FACILITIES: NATIONWIDE, BY STATE, AND BY COMPANY

This section presents *nationwide*, *state-by-state*, and *company-specific* views of the evolution of local competition as indicated by the extent to which local competitors are making use of certain ILEC services and facilities: ILEC services provided to competing carriers for resale to consumers; ILEC local unbundled network element loops; and space in ILEC switching centers (collocation). The information summarized in this section comes from voluntary local competition survey responses of large ILECs, which provide information for all states except Alaska. Because it is considerably less comprehensive at this time, information from the responses of CLEC participants in the voluntary survey is not summarized here. Readers interested in the evolution of the voluntary survey should refer to Section III of our *Local Competition* report, released in December 1998.²⁰

Table 3.1 summarizes information about ILEC voice grade lines²¹ provided to CLECs for resale to end-users. At the end of 1998, about 1.7% of nationwide ILEC switched voice grade lines were being provided to CLECs on a total service resale basis -- the discount resale mechanism mandated by the 1996 Act.²² Another 0.2% of nationwide ILEC lines were being provided to competitors under resale arrangements other than TSR, which were not mandated by the 1996 Act. No survey information about resold lines was submitted for Alaska, but ILECs reported providing resold lines to competitors in all other states at the end of 1998.

The total number of ILEC resold lines increased throughout 1998, despite earlier announcements that AT&T and MCI intended to reduce their use of resold lines.²³ On a company-wide basis, only

²⁰ Alternatively, the four iterations of the survey, developed as ILEC and CLEC volunteers and Commission staff gained experience with it, may be viewed at <http://www.fcc.gov/ccb/local_competition>. The fourth survey (requesting data as of 12/31/98) includes, for the first time, questions about deployment of broadband services. (At its January 28, 1999 Open Meeting, the Commission adopted a report on "advanced telecommunications capability" -- broadband telecommunications services, such as high-speed Internet access -- as Congress directed in section 706(b) of the Telecommunications Act of 1996. In that report, the Commission undertook to issue annual reports detailing the status of broadband deployment. See *Inquiry Concerning the Deployment of Advanced Telecommunications Capability to All Americans in a Reasonable and Timely Fashion, and Possible Steps to Accelerate Such Deployment Pursuant to Section 706 of the Telecommunications Act of 1996*, CC Docket No. 98-146, Report FCC 99-5 (rel. Feb. 2, 1999).)

²¹ Telephone lines terminating at most homes, and at many offices, are "voice grade" circuits. These are analog circuits having 3 to 4 kHz of bandwidth, the digital equivalent of which is a 64 kbps circuit. In this report, voice grade lines include such ordinary telephone lines, Centrex lines, and basic rate ISDN lines. (Each basic rate ISDN line has been counted as two voice grade circuits.)

²² The obligation of incumbent telephone companies to make their services available to competing local carriers under total service resale (TSR) arrangements is set out in section 251(c)(4) of the Telecommunications Act of 1996, 47 U.S.C. § 251(c)(4), and standards for setting TSR prices are set out in section 252(c)(3) of the Act, 47 U.S.C. § 252(c)(3).

²³ See, for example, AT&T's SEC Form 10-K (filed Mar. 27, 1998) (in fourth quarter 1997, AT&T stopped actively marketing resold local service to residential and small business customers in most areas in which it offered such service; service was offered to residential customers in Alaska, California, Connecticut, Georgia, Illinois, Michigan, Texas, and Rochester, New York, and to small business customers in California and Connecticut).

Ameritech reported fewer resold lines at the end of 1998 than at mid-year.²⁴ USN Communications, a CLEC active in all Ameritech states, as well as in several Bell Atlantic states, participated in our survey. USN reported using 50,000 fewer ILEC lines in the Ameritech states on December 31 than on June 30, including 23,000 fewer lines in Illinois and 20,000 fewer lines in Michigan.²⁵ Presumably AT&T, which offered but had stopped actively marketing resold local service in Illinois and Michigan, and also MCI contributed to the observed decline in Ameritech resold lines in the second half of 1998.

The company-specific summaries at the end of Table 3.1 indicate that non-TSR resale can be a significant factor in CLEC competition, but appears to be so only in areas served by U S WEST and, to a lesser extent, Ameritech. The three states (Iowa, South Dakota, and North Dakota) with the highest resale percentages -- and, indeed, the highest percentages of combined CLEC use of resold ILEC services and UNE loops -- achieve those rankings because of high reported percentages of non-TSR resale. The market entry strategy of McLeodUSA, in particular, has relied on resold U S WEST Centrex service, although the company is now increasing its reliance on owned facilities.²⁶

Table 3.2 summarizes information about the types of customers served by the lines that ILECs provide to competitors on a TSR basis. ILECs report that about 40% of such lines served CLEC residential, rather than business or government, customers on a nationwide basis at the end of 1998. There is considerable state-by-state variation, however, and also variation by company.²⁷ We do not have comprehensive survey information about the percent of *total* CLEC lines that serve residential customers -- information that necessarily would come directly from CLECs. We cannot determine, therefore, whether changes over time in the percent of nationwide TSR lines serving residential customers, as summarized in Table 3.2, mirror changes in the distribution of total CLEC lines between residential and other customers.

²⁴ The number of resold lines reported for GTE's ILEC operations increased in the third quarter of 1998 and declined in the fourth quarter, but showed an overall increase for the second half of the year. A substantial portion of these lines appears to be provided to GTE's CLEC operations. For example, voluntary survey data as of Sept. 30, 1998 show GTE's combined CLEC operations using almost 75,000 ILEC lines, at which date GTE's reporting ILEC operations were providing 112,000 resold lines to CLECs. See also, GTE Annual Report 1998, at 4 (GTE's CLEC offers bundles of services in key GTE markets, including California, Florida, and Washington; will expand beyond GTE's current markets in 1999).

²⁵ USN Communications entered voluntary bankruptcy proceedings in early 1999. Its CLEC assets were acquired by CoreComm Limited on June 1, 1999.

²⁶ See, for example, McLeodUSA, Incorporated, *SEC Form 10-Q* (Nov. 16, 1998) at Part II. Item 1. Legal Proceedings (company typically purchases access to local switches in the form of a product generally known as "Centrex"); "McLeodUSA Reports Record Results for Fourth Quarter and 1998," Jan. 27, 1999 (focus will include continued migration of local service customers "on-switch" in 1999 and 2000).

²⁷ Lines reported by U S WEST as of June 30, 1998 include resold Centrex lines, along with TSR lines. Because "centrex" is an ILEC service marketed to non-residential customers, reporting both types of resale together most likely causes an understatement of the percentage of CLEC *residential* customers served by resold lines. U S WEST's reported data for Iowa, for example, indicate that nearly all resold lines are connected to non-residential CLEC customers. But McLeodUSA, a major reseller of U S WEST Centrex service in Iowa, reports that residential lines were a significant share -- 31%, as of June 30, 1998 -- of its total CLEC lines in service in the ten Midwest and Rocky Mountain states in which it operates. See "McLeodUSA Reports Continued Growth in Revenues and EBITDA for Second Quarter 1998" (July 29, 1998).

Table 3.3 summarizes data on the number of ILEC lines leased to CLECs as UNE loops. A comparison of total UNE loops reported by ILECs (Table 3.3) with the sum of total TSR plus total other resale lines they reported (Table 3.1) indicates that, on a nationwide basis, resold ILEC lines outnumbered UNE loops by a factor of approximately 8 to 1 at the end of 1998. The reported number of UNE loops almost tripled over the course of the year, but remained small as a percent of total ILEC switched lines -- 0.2% at the end of 1998. The company-specific percentages at the end of Table 3.3 vary around the nationwide average, but also are small numbers. The number of survey states in which no UNE loops were reported has dropped to four: Idaho, South Dakota, West Virginia, and Wyoming. No information was submitted for Alaska.

Table 3.4 indicates that, as of the end of 1998, CLECs were reported to have operational collocation arrangements in switching centers serving almost half of ILEC customer lines, on a nationwide basis -- up from about 30% at the end of 1997. By type of customer, these switching centers were reported to serve about 40% of ILEC voice grade lines connected to residential customers and about 60% of ILEC voice grade lines connected to business and government customers. The company-specific summaries at the end of the table consistently show lower collocation percentages for residential lines than for other lines, and GTE and Sprint, the two non-Bell companies, have the lowest collocation percentages for total lines.²⁸

The voluntary surveys do not provide comprehensive information about the number of customer lines that CLECs provide solely over their own facilities. This is the missing piece of information that is required -- along with the available information on CLEC resale of ILEC services and use of UNE loops -- to determine the total number of CLEC customer lines. Investment analyst estimates of total CLEC switched lines vary, meanwhile, in the general range of 2% to 3% of nationwide switched access lines.²⁹

²⁸ The departure from trend of GTE and U S WEST collocation percentages as of June 30, 1998 suggests that the companies may have interpreted survey directions differently when completing that survey, or found that particular survey form to be confusing.

²⁹ See, for example, D.P. Reingold, M. Kastan, and S. Cross, *CLEC Vital Signs: Update For 4Q98 Results and Trends*, Telecom/Services--Local, Merrill Lynch & Co., 11 Mar. 1999 at Table 8.

Table 3.1
Lines Provided by Large ILECs to CLECs for Resale

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) *	COMPANY	AS OF DECEMBER 31, 1998						AS OF SEPTEMBER 30, 1998						AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL	TOTAL					TOTAL	TOTAL					TOTAL	TOTAL		TOTAL	TOTAL	
			SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE # (thousands)	PERCENT OTHER		SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE # (thousands)	PERCENT OTHER		SWITCHED LINES (thousands)	SERVICE RESALE ## (thousands)	PERCENT TSR	SWITCHED LINES (thousands)	SERVICE RESALE ## (thousands)	PERCENT TSR
ALABAMA	2,405	BellSouth	1,947	39	2.0 %	n.a.	n.a. %		1,892	34	1.8 %	n.a.	n.a. %		1,881	25	1.3 %	*	15	* %
ALASKA	398																			
ARIZONA	2,732	U S WEST	2,720	11	0.4	5	0.2		2,619	6	0.2	5	0.2		2,615	4	0.2	*	1	*
ARKANSAS	1,369	SBC	974	18	1.9	0	0.0		967	17	1.8	0	0.0		958	15	1.5	*	8	*
CALIFORNIA	21,483	GTE	4,551	40	0.9	0	0.0		4,498	51	1.1	0	0.0		4,443	39	0.9	4,394	26	0.6
		SBC	18,110	261	1.4	0	0.0		17,646	252	1.4	0	0.0		17,792 &	251	1.4	*	252	*
COLORADO	2,644	U S WEST	2,650	29	1.1	1	***		2,556	22	0.8	1	***		2,583	16	0.6	2,554	8	0.3
CONNECTICUT	2,152	SBC (SNET)	2,148	36	1.7	11	0.5		2,133	34	1.6	15	0.7		2,137	31	1.5	2,120	28	1.3
DELAWARE	532	Bell Atlantic	569	10	1.8	n.a.	n.a.		565	10	1.8	n.a.	n.a.		557	7	1.3	*	*	*
DIST. OF COLUMBIA	920	Bell Atlantic	945	11	1.2	n.a.	n.a.		946	11	1.1	n.a.	n.a.		935	7	0.7	*	3	*
FLORIDA	10,491	BellSouth	6,487	112	1.7	n.a.	n.a.		6,376	103	1.6	n.a.	n.a.		6,297	95	1.5	6,231	67	1.1
		GTE	2,297	32	1.4	0	0.0		2,264	37	1.6	0	0.0		2,240	28	1.3	2,232	12	0.5
		Sprint	2,032	19	0.9	0	0.0		1,994	15	0.8	n.a.	n.a.		1,983	15	0.8	1,931	9	0.4
GEORGIA	4,770	BellSouth	4,143	105	2.5	n.a.	n.a.		4,089	99	2.4	n.a.	n.a.		4,028	89	2.2	4,003	62	1.5
HAWAII	708	GTE	717	**	***	0	0.0		703	**	***	0	0.0		712	**	***	711	**	***
IDAHO	681	U S WEST	525	**	***	**	0.1		500	**	***	**	***		470	**	***	493	**	***
ILLINOIS	7,981	Ameritech	7,078	196	2.8	15	0.2		7,022	205	2.9	16	0.2		7,313 &	221	3.0	6,851	172	2.5
		GTE	914	1	0.1	0	0.0		901	1	0.1	0	0.0		895	**	***	882	0	0.0
INDIANA	3,471	Ameritech	2,225	16	0.7	1	0.1		2,207	12	0.5	1	0.1		2,236 &	8	0.4	2,167	**	***
		GTE	959	2	0.2	0	0.0		930	1	0.1	0	0.0		932	**	***	922	0	0.0
		Sprint	241	0	0.0	0	0.0		240	0	0.0	n.a.	n.a.		240	0	0.0	234	0	0.0
IOWA	1,589	U S WEST	1,077	8	0.8	108	10.1		1,057	3	0.3	84	8.0		1,060	99	9.3	1,049	82	7.8
KANSAS	1,585	SBC	1,374	76	5.5	0	0.0		1,365	62	4.5	0	0.0		1,348	50	3.7	*	29	*
		Sprint	140	1	0.4	0	0.0		*	*	*	n.a.	n.a.		140	**	0.4	*	*	*
KENTUCKY	2,064	BellSouth	1,207	31	2.6	n.a.	n.a.		1,193	28	2.3	n.a.	n.a.		1,184	20	1.7	*	8	*
		GTE	543	2	0.4	0	0.0		528	1	0.2	0	0.0		531	1	0.2	524	**	0.1
LOUISIANA	2,435	BellSouth	2,418	82	3.4	n.a.	n.a.		2,336	61	2.6	n.a.	n.a.		2,303	44	1.9	2,256	16	0.7
MAINE	808	Bell Atlantic	688	5	0.7	n.a.	n.a.		678	1	0.2	n.a.	n.a.		677	2	0.3	681	**	***
MARYLAND	3,494	Bell Atlantic	3,704	27	0.7	n.a.	n.a.		3,677	22	0.6	n.a.	n.a.		3,638	11	0.3	*	2	*
MASSACHUSETTS	4,464	Bell Atlantic	4,622	130	2.8	n.a.	n.a.		4,434	96	2.2	n.a.	n.a.		4,396	85	1.9	4,517	41	0.9

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STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998						AS OF SEPTEMBER 30, 1998						AS OF JUNE 30, 1998						AS OF DECEMBER 31, 1997					
			TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL							
			SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE # (thousands)	PERCENT OTHER	SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE # (thousands)	PERCENT OTHER	SWITCHED LINES (thousands)	SERVICE RESALE # (thousands)	PERCENT TSR	SWITCHED LINES (thousands)	SERVICE RESALE # (thousands)	PERCENT TSR	SWITCHED LINES (thousands)	SERVICE RESALE # (thousands)	PERCENT TSR					
MICHIGAN	6,258	Ameritech GTE	5,439 753	119 0	2.2 % 0.0	11 0	0.2 % 0.0		5,403 744	137 0	2.5 % 0.0	11 0	0.2 % 0.0		5,608 & 739	168 0	3.0 % 0.0		5,341 725	151 0	2.8 % 0.0					
MINNESOTA	2,878	Frontier							*	*	*	0	0.0													
		Sprint	156	**	***	0	0.0		155	0	0.0	n.a.	n.a.		153	0	0.0		148	0	0.0					
		U S WEST	2,284	65	2.8	26	1.2		2,199	51	2.3	22	1.0		2,202	55	2.5		2,199	30	1.4					
MISSISSIPPI	1,321	BellSouth	1,296	44	3.4	n.a.	n.a.		1,252	32	2.6	n.a.	n.a.		1,248	27	2.2		*	13	*					
MISSOURI	3,324	SBC	2,563	38	1.5	0	0.0		2,543	30	1.2	0	0.0		2,527	23	0.9		*	5	*					
		Sprint	256	**	***	0	0.0		*	*	*	n.a.	n.a.		*	*	*		246	0	0.0					
MONTANA	508	U S WEST	363	1	0.4	**	0.1		355	1	0.2	**	***		356	1	0.1		355	**	0.1					
NEBRASKA	995	U S WEST	533	4	0.8	**	0.1		523	2	0.4	**	***		533	1	0.2		*	*	*					
NEVADA	1,207	SBC	354	3	1.0	0	0.0		331	2	0.6	0	0.0		340	2	0.5		*	3	*					
		Sprint	879	8	0.9	0	0.0		*	6	*	n.a.	n.a.		*	*	*		*	5	*					
NEW HAMPSHIRE	818	Bell Atlantic	795	20	2.5	n.a.	n.a.		792	7	0.9	n.a.	n.a.		771	9	1.1		*	*	*					
NEW JERSEY	6,201	Bell Atlantic	6,356	57	0.9	n.a.	n.a.		6,293	40	0.6	n.a.	n.a.		6,239	27	0.4		*	6	*					
		Sprint	211	2	0.8	0	0.0		*	*	*	n.a.	n.a.		*	*	*		197	0	0.0					
NEW MEXICO	901	U S WEST	794	**	***	1	0.1		775	**	***	**	***		778	**	***		*	**	*					
NEW YORK	12,715	Bell Atlantic	11,917	248	2.1	n.a.	n.a.		11,595	244	2.1	n.a.	n.a.		11,573	199	1.7		*	121	*					
		Frontier							*	*	*	0	0.0						540	105	19.4					
NORTH CAROLINA	4,695	BellSouth	2,452	36	1.5	n.a.	n.a.		2,413	30	1.2	n.a.	n.a.		2,368	24	1.0		2,322	8	0.3					
		GTE	343	1	0.4	0	0.0		330	1	0.2	0	0.0		334	1	0.2		333	**	0.1					
		Sprint	1,420	15	1.1	0	0.0		1,407	11	0.8	n.a.	n.a.		1,399	7	0.5		*	*	*					
NORTH DAKOTA	402	U S WEST	251	3	1.4	11	4.5		248	3	1.0	9	3.8		248	10	3.9		253	2	0.9					
OHIO	6,729	Ameritech	4,118	77	1.9	26	0.6		4,090	83	2.0	28	0.7		4,211 &	107	2.5		4,020	59	1.5					
		GTE	881	**	***	0	0.0		860	**	***	0	0.0		860	**	***		846	0	0.0					
		Sprint	616	**	0.1	0	0.0		*	*	*	n.a.	n.a.		*	*	*		594	0	0.0					
OKLAHOMA	1,954	SBC	1,650	40	2.4	0	0.0		1,644	34	2.1	0	0.0		1,631	21	1.3		*	9	*					
OREGON	2,022	GTE	476	**	0.1	0	0.0		466	**	***	0	0.0		463	**	***		462	0	0.0					
		U S WEST	1,372	7	0.5	47	3.5		1,337	5	0.4	44	3.3		1,346	45	3.4		1,353	37	2.8					
PENNSYLVANIA	7,951	Bell Atlantic	6,469	82	1.3	n.a.	n.a.		6,432	91	1.4	n.a.	n.a.		6,358	71	1.1		*	30	*					
		Frontier							*	*	*	0	0.0													
		GTE	653	1	0.1	0	0.0		640	**	***	0	0.0		642	**	***		635	0	0.0					
		Sprint	385	1	0.1	0	0.0		*	*	*	n.a.	n.a.		376	**	0.1		*	*	*					
RHODE ISLAND	653	Bell Atlantic	663	7	1.1	n.a.	n.a.		653	3	0.4	n.a.	n.a.		650	4	0.6		*	*	*					

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STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998					AS OF SEPTEMBER 30, 1998					AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL	TOTAL				TOTAL	TOTAL				TOTAL	TOTAL		TOTAL	TOTAL	
			SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE # (thousands)	PERCENT OTHER	SWITCHED LINES (thousands)	SERVICE RESALE (thousands)	PERCENT TSR	OTHER RESALE #	PERCENT OTHER	SWITCHED LINES (thousands)	SERVICE RESALE ## (thousands)	PERCENT TSR	SWITCHED LINES (thousands)	SERVICE RESALE ## (thousands)	PERCENT TSR
SOUTH CAROLINA	2,147	BellSouth Sprint	1,471 99	58 1	3.9 % 1.3	n.a. 0	n.a. % 0.0	1,448 99	50 1	3.4 % 1.0	n.a. n.a.	n.a. % n.a.	1,416 99	29 1	2.1 % 0.9	1,399 *	13 *	0.9 % *
SOUTH DAKOTA	406	U S WEST	276	10	3.7	8	3.1	272	7	2.6	6	2.3	271	12	4.3	268	4	1.4
TENNESSEE	3,271	BellSouth Sprint	2,684 255	36 2	1.3 0.7	n.a. 0	n.a. % 0.0	2,641 252	26 1	1.0 0.5	n.a. n.a.	n.a. % n.a.	2,622 251	23 1	0.9 0.3	2,614 *	14 *	0.6 *
TEXAS	12,006	GTE SBC Sprint	1,968 9,604 369	19 349 6	1.0 3.6 1.5	0 0 0	0.0 0.0 0.0	1,933 9,545 366	19 316 5	1.0 3.3 1.3	0 0 n.a.	0.0 0.0 n.a.	1,893 9,435 370	13 283 4	0.7 3.0 1.1	1,861 * 356	10 215 2	0.6 * 0.6
UTAH	1,100	U S WEST	1,093	2	0.2	5	0.4	1,063	1	0.1	4	0.4	1,069	6	0.5	*	5	*
VERMONT	394	Bell Atlantic	342	2	0.7	n.a.	n.a.	339	1	0.3	n.a.	n.a.	333	1	0.2	335	0	0.0
VIRGINIA	4,381	Bell Atlantic GTE Sprint	3,528 591 401	18 0 1	0.5 0.0 0.2	n.a. 0 0	n.a. % 0.0 0.0	3,494 581 *	17 0 **	0.5 0.0 *	n.a. 0 n.a.	n.a. % 0.0 n.a.	3,452 574 *	9 ** **	0.3 *** *	* 563 385	4 ** 0	* *** 0.0
WASHINGTON	3,500	GTE Sprint U S WEST	861 85 2,515	1 0 5	0.1 0.0 0.2	0 0 39	0.0 0.0 1.6	842 84 2,457	1 0 4	0.1 0.0 0.1	0 n.a. 41	0.0 n.a. 1.7	833 84 2,470	** 0 46	*** 0.0 1.9	829 82 2,401	** 0 32	*** 0.0 1.3
WEST VIRGINIA	959	Bell Atlantic	831	**	***	n.a.	n.a.	828	0	0.0	n.a.	n.a.	820	0	0.0	803	0	0.0
WISCONSIN	3,296	Ameritech GTE	2,195 501	42 0	1.9 0.0	1 0	*** 0.0	2,259 494	37 **	1.7 ***	5 0	0.2 0.0	2,296 & 490	49 **	2.1 ***	2,211 480	14 **	0.6 ***
WYOMING	284	U S WEST	242	2	0.8	6	2.4	238	2	0.8	3	1.2	241	1	0.5	*	*	*
Total lines publicly reported +	172,452		164,614	2,738	1.7 %	324	0.2 %	159,030	2,478	1.6 %	296	0.2 %	159,500	2,443	n.m.	77,504	1,741	n.m.
Lines withheld to maintain confidentiality	0		0	0	n.m.	0	n.m.	3,552	115	n.m.	0	n.m.	2,310	5	n.m.	81,504	3	n.m.
Total lines +	172,452		164,614	2,738	1.7 %	324	0.2 %	162,581	2,593	1.6 %	296	0.2 %	161,810	2,448	1.5 %	159,008	1,743	1.1 %

HOLDING COMPANY SUMMARY (for states reported above)	Ameritech	21,054	450	2.1 %	54	0.3 %	20,981	474	2.3 %	61	0.3 %	21,665	552	2.5 %	20,589	396	1.9 %
	Bell Atlantic	41,429	619	1.5	n.a.	n.a.	40,727	544	1.3	n.a.	n.a.	40,401	432	1.1	39,402	210	0.5
	BellSouth	24,104	543	2.3	n.a.	n.a.	23,640	462	2.0	n.a.	n.a.	23,347	376	1.6	23,154	216	0.9
	GTE	17,008	100	0.6	0	0.0	16,714	112	0.7	0	0.0	16,582	83	0.5	16,398	49	0.3
	SBC	36,778	823	2.2	11	***	36,173	747	2.1	15	***	36,168	676	1.9	35,612	550	1.5
	Sprint	7,545	54	0.7	0	0.0	7,451	42	0.6	n.a.	n.a.	7,406	33	0.4	7,182	17	0.2
	U S WEST	16,695	149	0.9	259	1.6	16,198	106	0.7	220	1.4	16,242	296	1.8	16,130	202	1.3

Notes for Table 3.1 follow Table 3.4.

Table 3.2
CLEC Residential and Other Customers Served by ILEC Total Service Resale (TSR) Lines

STATE	COMPANY	SWITCHED LINES AS OF 12/31/98 (thousands)	AS OF DECEMBER 31, 1998					AS OF SEPTEMBER 30, 1998					AS OF JUNE 30, 1998				
			TSR LINES			PERCENT		TSR LINES			PERCENT		TSR LINES @			PERCENT	
			RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER
			(thousands)					(thousands)					(thousands)				
ALABAMA	BellSouth	1,947	19	19	39	50 %	50 %	17	17	34	50 %	50 %	15	10	25	61 %	39 %
ALASKA																	
ARIZONA	U S WEST	2,720	8	3	11	75	48	4	1	6	80	20	2	2	4	57	43
ARKANSAS	SBC	974	15	3	18	83	17	14	2	17	86	14	13	1	15	91	9
CALIFORNIA	GTE	4,551	29	11	40	72	28	40	12	51	77	23	37	3	39	93	7
	SBC	18,110	126	134	261	48	52	122	130	252	48	52	128	123	251	51	49
COLORADO	U S WEST	2,650	4	25	29	13	87	3	19	22	12	88	2	14	16	13	87
CONNECTICUT	SBC (SNET)	2,148	20	17	36	54	59	20	14	34	60	40	21	10	31	67	33
DELAWARE	Bell Atlantic	569	8	3	10	75	25	8	2	10	78	22	6	1	7	80	20
DIST. OF COLUMBIA	Bell Atlantic	945	2	9	11	19	81	3	8	11	26	74	1	5	7	20	80
FLORIDA	BellSouth	6,487	40	72	112	36	64	38	64	103	37	63	38	57	95	40	60
	GTE	2,297	19	14	32	58	42	23	14	37	62	38	16	12	28	58	42
	Sprint	2,032	8	11	19	40	60	6	9	15	42	58	6	9	15	42	58
GEORGIA	BellSouth	4,143	63	42	105	60	40	58	40	99	59	41	58	31	89	65	35
HAWAII	GTE	717	**	**	**	81	19	**	**	**	46	54	**	**	**	50	50
IDAHO	U S WEST	525	**	**	**	65	79	**	**	**	83	17	**	**	**	90	10
ILLINOIS	Ameritech	7,078	84	112	196	43	57	87	118	205	43	57	88	112	201	44	56
	GTE	914	0	1	1	0	100	**	1	1	5	95	**	**	**	5	95
INDIANA	Ameritech	2,225	5	11	16	30	70	3	9	12	22	78	1	4	5	18	82
	GTE	959	**	2	2	19	81	**	1	1	18	82	**	**	**	67	33
	Sprint	241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IOWA	U S WEST	1,077	1	7	8	13	99	**	3	3	3	97	**	99	99	0	100
KANSAS	SBC	1,374	32	44	76	42	58	27	35	62	43	57	23	27	50	46	54
	Sprint	140	1	**	1	100	0	*	*	*	*	*	**	**	**	98	2
KENTUCKY	BellSouth	1,207	13	19	31	40	60	12	16	28	43	57	8	12	20	42	58
	GTE	543	**	2	2	23	77	**	1	1	23	77	**	1	1	9	91
LOUISIANA	BellSouth	2,418	53	29	82	65	35	35	26	61	58	42	29	15	44	67	33

Table 3.2
CLEC Residential and Other Customers Served by ILEC Total Service Resale (TSR) Lines

STATE	COMPANY	SWITCHED LINES AS OF 12/31/98 (thousands)	AS OF DECEMBER 31, 1998				AS OF SEPTEMBER 30, 1998				AS OF JUNE 30, 1998						
			TSR LINES			PERCENT		TSR LINES			PERCENT		TSR LINES @			PERCENT	
			RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER
			(thousands)					(thousands)					(thousands)				
MAINE	Bell Atlantic	688	**	5	5	1 %	99 %	**	1	1	2 %	98 %	**	2	2	1 %	99 %
MARYLAND	Bell Atlantic	3,704	14	13	27	53	47	11	10	22	52	48	4	7	11	40	60
MASSACHUSETTS	Bell Atlantic	4,622	21	109	130	16	84	4	92	96	4	96	10	75	85	12	88
MICHIGAN	Ameritech GTE	5,439 753	79 0	39 0	119 0	67 0	33 0	94 0	43 0	137 0	68 0	32 0	112 0	42 0	155 0	73 0	27 0
MINNESOTA	Frontier Sprint U S WEST	156	0	**	**	0	100	0	0	0	0	0	0	0	0	0	0
		2,284	12	53	65	18	87	8	43	51	16	84	3	52	55	6	94
MISSISSIPPI	BellSouth	1,296	37	7	44	83	17	27	6	32	83	17	23	4	27	86	14
MISSOURI	SBC Sprint	2,563	19	19	38	50	50	16	14	30	54	46	14	9	23	62	38
		256	**	**	**	98	2	*	*	*	*	*	*	*	*	*	*
MONTANA	U S WEST	363	1	**	1	65	46	**	**	1	52	48	**	**	1	36	64
NEBRASKA	U S WEST	533	2	3	4	51	53	1	2	2	24	76	**	1	1	1	99
NEVADA	SBC Sprint	354	1	3	3	16	84	**	2	2	16	84	**	1	2	19	81
		879	2	6	8	30	70	2	4	6	37	63	*	*	*	*	*
NEW HAMPSHIRE	Bell Atlantic	795	1	19	20	5	95	**	7	7	3	97	**	8	9	3	97
NEW JERSEY	Bell Atlantic Sprint	6,356	29	28	57	51	49	23	18	40	56	44	16	11	27	60	40
		211	2	**	2	100	0	*	*	*	*	*	*	*	*	*	*
NEW MEXICO	U S WEST	794	**	**	**	2	100	**	**	**	3	97	**	**	**	2	98
NEW YORK	Bell Atlantic Frontier	11,917	59	189	248	24	76	54	190	244	22	78	33	166	199	16	84
NORTH CAROLINA	BellSouth GTE Sprint	2,452	11	25	36	30	70	9	21	30	29	71	6	18	24	24	76
		343	**	1	1	1	99	**	1	1	11	89	**	**	1	12	88
		1,420	7	8	15	47	53	6	6	11	48	52	4	3	7	54	46
NORTH DAKOTA	U S WEST	251	**	3	3	11	98	**	2	3	8	92	**	10	10	1	99
OHIO	Ameritech GTE Sprint	4,118	6	71	77	7	93	6	77	83	7	93	1	75	76	2	98
		881	0	**	**	0	100	0	**	**	0	100	**	**	**	17	83
		616	**	**	**	18	82	*	*	*	*	*	*	*	*	*	*
OKLAHOMA	SBC	1,650	28	12	40	69	31	25	9	34	74	26	17	4	21	80	20

Table 3.2
CLEC Residential and Other Customers Served by ILEC Total Service Resale (TSR) Lines

STATE	COMPANY	SWITCHED LINES AS OF 12/31/98 (thousands)	AS OF DECEMBER 31, 1998					AS OF SEPTEMBER 30, 1998					AS OF JUNE 30, 1998				
			TSR LINES			PERCENT		TSR LINES			PERCENT		TSR LINES @			PERCENT	
			RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER	RES.	OTHER	TOTAL	RES.	OTHER
			(thousands)					(thousands)					(thousands)				
OREGON	GTE	476	**	**	**	83 %	17 %	**	**	**	93 %	7 %	**	**	**	57 %	43 %
	U S WEST	1,372	4	3	7	58	93	3	2	5	62	38	2	44	45	4	96
PENNSYLVANIA	Bell Atlantic	6,469	28	54	82	35	65	34	57	91	38	62	30	41	71	43	57
	Frontier							*	*	*	*	*					
	GTE	653	**	**	1	48	52	**	**	**	73	27	**	**	**	25	75
	Sprint	385	**	**	1	46	54	*	*	*	*	*	**	**	**	76	24
RHODE ISLAND	Bell Atlantic	663	1	7	7	10	90	**	3	3	2	98	**	4	4	1	99
SOUTH CAROLINA	BellSouth	1,471	34	24	58	59	41	30	19	50	61	39	16	13	29	54	46
	Sprint	99	1	**	1	100	0	1	**	1	100	0	1	**	1	100	0
SOUTH DAKOTA	U S WEST	276	2	8	10	20	89	**	7	7	2	98	**	12	12	0	100
TENNESSEE	BellSouth	2,684	26	10	36	73	27	18	8	26	69	31	17	6	23	74	26
	Sprint	255	1	1	2	42	58	1	1	1	38	62	**	1	1	18	82
TEXAS	GTE	1,968	15	5	19	76	24	17	2	19	87	13	12	1	13	94	6
	SBC	9,604	203	146	349	58	42	197	119	316	62	38	195	88	283	69	31
	Sprint	369	4	2	6	72	28	4	1	5	78	22	3	1	4	85	15
UTAH	U S WEST	1,093	1	1	2	56	84	1	1	1	60	40	1	5	6	15	85
VERMONT	Bell Atlantic	342	**	2	2	0	100	**	1	1	0	100	**	1	1	0	100
VIRGINIA	Bell Atlantic	3,528	4	15	18	20	80	3	14	17	20	80	2	7	9	25	75
	GTE	591	0	0	0	0	0	0	0	0	0	0	**	**	**	37	63
	Sprint	401	**	1	1	1	99	**	**	**	1	99	**	**	**	6	94
WASHINGTON	GTE	861	1	**	1	78	22	1	**	1	87	13	**	**	**	58	42
	Sprint	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	U S WEST	2,515	2	3	5	35	96	1	2	4	38	62	1	45	46	2	98
WEST VIRGINIA	Bell Atlantic	831	**	**	**	16	84	0	0	0	0	0	0	0	0	0	0
WISCONSIN	Ameritech	2,195	6	36	42	13	86	4	33	37	12	88	3	26	30	11	89
	GTE	501	0	0	0	0	0	**	**	**	50	50	**	**	**	92	8
WYOMING	U S WEST	242	1	1	2	29	92	**	2	2	7	93	0	1	1	0	100

Table 3.2
CLEC Residential and Other Customers Served by ILEC Total Service Resale (TSR) Lines

STATE	COMPANY	SWITCHED LINES AS OF 12/31/98 (thousands)	AS OF DECEMBER 31, 1998				AS OF SEPTEMBER 30, 1998				AS OF JUNE 30, 1998						
			TSR LINES			PERCENT	TSR LINES			PERCENT	TSR LINES @			PERCENT			
			RES.	OTHER	TOTAL		RES.	OTHER	TOTAL		RES.	OTHER	TOTAL				
			(thousands)			RES.	OTHER	(thousands)			RES.	OTHER	(thousands)				
Total lines publicly reported +		164,614	1,215	1,523	3,190	40 %	60 %	1,123	1,362	2,484	45 %	55 %	1,025	1,333	2,357	43 %	57 %
Lines withheld to maintain confidentiality		0	0	0	0	n.a.	n.a.	11	97	108	10 %	90 %	2	3	5	38 %	62 %
Total lines +		164,614	1,215	1,523	3,190	40 %	60 %	1,134	1,459	2,593	44 %	56 %	1,027	1,336	2,363	43 %	57 %

HOLDING COMPANY SUMMARY (for states reported above)	Ameritech	179	270	450	40 %	60 %	193	281	474	41 %	59 %	206	260	467	44 %	56 %
	Bell Atlantic	167	452	619	27	73	141	403	544	26	74	104	328	432	24	76
	BellSouth	296	247	543	55	45	244	217	462	53	47	211	166	376	56	44
	GTE	64	36	100	64	36	81	31	112	72	28	66	17	83	80	20
	SBC	444	379	823	54	46	422	325	747	57	43	411	265	676	61	39
	Sprint	26	29	54	47	53	21	21	42	49	51	17	16	33	51	49
	U S WEST @	38	111	149	26	74	22	83	106	21	79	12	284	296	4	96

Notes for Table 3.2 follow Table 3.4.

Table 3.3
Lines Provided by Large ILECs to CLECs as UNE Loops

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) *	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE
ALABAMA	2,405	BellSouth	1,947	2	0.1 %	1,892	1	0.1 %	1,881	1	*** %	*	*	* %
ALASKA	398													
ARIZONA	2,732	U S WEST	2,720	1	0.1	2,619	1	0.1	2,615	1	***	*	*	*
ARKANSAS	1,369	SBC	974	3	0.2	967	2	0.2	958	**	***	*	*	*
CALIFORNIA	21,483	GTE	4,551	6	***	4,498	2	***	4,443	1	***	4,394	**	***
		SBC	18,110	47	0.2	17,646	34	0.2	17,792 &	n.m. &	n.m. &	*	*	*
COLORADO	2,644	U S WEST	2,650	**	***	2,556	**	***	2,583	**	***	2,554	0	0.0
CONNECTICUT	2,152	SNET	2,148	3	0.1	2,133	3	0.1	2,137	3	0.1	2,120	2	0.1
DELAWARE	532	Bell Atlantic	569	3	0.3	565	2	0.3	557	1	0.1	*	*	*
DIST. OF COLUMBIA	920	Bell Atlantic	945	1	***	946	**	***	935	**	***	*	*	*
FLORIDA	10,491	BellSouth	6,487	4	***	6,376	3	***	6,297	3	***	6,231	2	***
		GTE	2,297	**	0.0	2,264	0	0.0	2,240	0	0.0	2,232	**	***
		Sprint	2,032	**	0.0	1,994	0	0.0	1,983	0	0.0	1,931	0	0.0
GEORGIA	4,770	BellSouth	4,143	9	0.1	4,089	5	0.1	4,028	2	***	4,003	1	***
HAWAII	708	GTE	717	**	0.0	703	0	0.0	712	0	0.0	711	**	***
IDAHO	681	U S WEST	525	0	0.0	500	0	0.0	470	0	0.0	493	0	0.0
ILLINOIS	7,981	Ameritech	7,078	20	0.2	7,022	16	0.2	7,313 &	14	0.2	6,851	13	0.2
		GTE	914	0	0.0	901	0	0.0	895	0	0.0	882	0	0.0
INDIANA	3,471	Ameritech	2,225	**	***	2,207	**	***	2,236 &	0	0.0	2,167	0	0.0
		GTE	959	0	0.0	930	0	0.0	932	0	0.0	922	0	0.0
		Sprint	241	0	0.0	240	0	0.0	240	0	0.0	234	0	0.0
IOWA	1,589	U S WEST	1,077	**	0.0	1,057	0	0.0	1,060	0	0.0	1,049	0	0.0
KANSAS	1,585	SBC	1,374	**	***	1,365	**	***	1,348	**	***	*	*	*
		Sprint	140	0	0.0	*	0	0.0	140	0	0.0	*	0	0.0
KENTUCKY	2,064	BellSouth	1,207	1	***	1,193	1	***	1,184	**	***	*	*	*
		GTE	543	**	***	528	**	***	531	0	0.0	524	0	0.0
LOUISIANA	2,435	BellSouth	2,418	1	***	2,336	1	***	2,303	**	***	2,256	0	0.0

Table 3.3
Lines Provided by Large ILECs to CLECs as UNE Loops

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE
MAINE	808	Bell Atlantic	688	**	*** %	678	**	*** %	677	**	*** %	681	0	0.0 %
MARYLAND	3,494	Bell Atlantic	3,704	2	0.1	3,677	2	0.1	3,638	2	0.1	*	*	*
MASSACHUSETTS	4,464	Bell Atlantic	4,622	3	0.1	4,434	3	0.1	4,396	3	0.1	4,517	2	***
MICHIGAN	6,258	Ameritech	5,439	48	0.8	5,403	43	0.8	5,608 &	38	0.7	5,341	25	0.5
		GTE	753	0	0.0	744	0	0.0	739	0	0.0	725	0	0.0
MINNESOTA	2,878	Frontier				*	0	0.0						
		Sprint	156	0	0.0	155	0	0.0	153	0	0.0	148	0	0.0
		U S WEST	2,284	2	***	2,199	1	***	2,202	**	***	2,199	0	0.0
MISSISSIPPI	1,321	BellSouth	1,296	2	0.1	1,252	1	0.1	1,248	1	0.1	*	*	*
MISSOURI	3,324	SBC	2,563	2	0.1	2,543	2	0.1	2,527	2	0.1	*	*	*
		Sprint	256	0	0.0	*	0	0.0	*	0	0.0	246	0	0.0
MONTANA	508	U S WEST	363	**	***	355	0	0.0	356	0	0.0	355	0	0.0
NEBRASKA	995	U S WEST	533	**	***	523	**	***	533	0	0.0	*	0	0.0
NEVADA	1,207	SBC	354	4	1.2	331	4	1.2	340	4	1.1	*	*	*
		Sprint	879	29	3.3	*	*	*	*	*	*	*	*	*
NEW HAMPSHIRE	818	Bell Atlantic	795	**	***	792	**	***	771	**	***	*	0	0.0
NEW JERSEY	6,201	Bell Atlantic	6,356	1	***	6,293	**	***	6,239	**	***	*	*	*
		Sprint	211	0	0.0	*	0	0.0	*	0	0.0	197	0	0.0
NEW MEXICO	901	U S WEST	794	2	0.3	775	2	0.3	778	2	0.2	*	*	*
NEW YORK	12,715	Bell Atlantic	11,917	49	0.2	11,595	44	0.2	11,573	31	0.3	*	*	*
		Frontier				*	0	0.0				540	0	0.0
NORTH CAROLINA	4,695	BellSouth	2,452	2	***	2,413	1	***	2,368	0	0.0	2,322	0	0.0
		GTE	343	**	***	330	0	0.0	334	0	0.0	333	**	***
		Sprint	1,420	0	0.0	1,407	0	0.0	1,399	0	0.0	*	0	0.0
NORTH DAKOTA	402	U S WEST	251	**	***	248	0	0.0	248	0	0.0	253	0	0.0
OHIO	6,729	Ameritech	4,118	24	0.5	4,090	19	0.5	4,211 &	16	0.4	4,020	7	0.2
		GTE	881	0	0.0	860	0	0.0	860	0	0.0	846	0	0.0
		Sprint	616	0	0.0	*	0	0.0	*	0	0.0	594	0	0.0
OKLAHOMA	1,954	SBC	1,650	2	0.1	1,644	2	0.1	1,631	1	0.1	*	*	*

Table 3.3
Lines Provided by Large ILECs to CLECs as UNE Loops

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE
OREGON	2,022	GTE	476	1	0.0 %	466	0	0.0 %	463	0	0.0 %	462	**	*** %
		U S WEST	1,372	**	***	1,337	**	***	1,346	**	***	1,353	0	0.0
PENNSYLVANIA	7,951	Bell Atlantic	6,469	30	0.4	6,432	26	0.4	6,358	20	0.3	*	*	*
		Frontier	*	0	0.0	*	0	0.0	*	0	0.0	*	0	0.0
		GTE	653	**	***	640	**	***	642	**	***	635	0	0.0
		Sprint	385	0	0.0	*	0	0.0	376	0	0.0	*	0	0.0
RHODE ISLAND	653	Bell Atlantic	663	1	0.3	653	2	0.3	650	2	0.3	*	*	*
SOUTH CAROLINA	2,147	BellSouth	1,471	1	***	1,448	**	***	1,416	**	***	1,399	0	0.0
		Sprint	99	0	0.0	99	0	0.0	99	0	0.0	*	0	0.0
SOUTH DAKOTA	406	U S WEST	276	0	0.0	272	0	0.0	271	0	0.0	268	0	0.0
TENNESSEE	3,271	BellSouth	2,684	21	0.6	2,641	17	0.6	2,622	13	0.5	2,614	5	0.2
		Sprint	255	0	0.0	252	0	0.0	251	0	0.0	*	0	0.0
TEXAS	12,006	GTE	1,968	16	0.6	1,933	12	0.6	1,893	8	0.4	1,861	7	0.4
		SBC	9,604	7	***	9,545	3	***	9,435	**	***	*	*	*
		Sprint	369	0	0.0	366	0	0.0	370	0	0.0	356	0	0.0
UTAH	1,100	U S WEST	1,093	1	0.1	1,063	1	0.1	1,069	**	***	*	*	*
VERMONT	394	Bell Atlantic	342	**	***	339	0	0.0	333	0	0.0	335	0	0.0
VIRGINIA	4,381	Bell Atlantic	3,528	1	***	3,494	1	***	3,452	1	***	*	*	*
		GTE	591	0	0.0	581	0	0.0	574	0	0.0	563	0	0.0
		Sprint	401	1	0.1	*	*	*	*	*	*	385	0	0.0
WASHINGTON	3,500	GTE	861	0	0.0	842	0	0.0	833	0	0.0	829	0	0.0
		Sprint	85	0	0.0	84	0	0.0	84	0	0.0	82	0	0.0
		U S WEST	2,515	**	***	2,457	**	***	2,470	**	***	2,401	*	*
WEST VIRGINIA	959	Bell Atlantic	831	0	0.0	828	0	0.0	820	0	0.0	803	0	0.0
WISCONSIN	3,296	Ameritech	2,195	7	0.1	2,259	3	0.1	2,296 &	1	***	2,211	**	***
		GTE	501	**	0.1	494	**	0.1	490	**	0.1	480	**	***
WYOMING	284	U S WEST	242	0	0.0	238	0	0.0	241	0	0.0	*	0	0.0

Table 3.3
Lines Provided by Large ILECs to CLECs as UNE Loops

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE	TOTAL SWITCHED LINES (thousands)	UNE LOOPS (thousands)	PERCENT UNE
Total lines publicly reported	172,452		164,614	361	0.2 %	159,030	258	n.m.	159,500	224	n.m.	77,504	65	n.m.
Lines withheld to maintain confidentiality	0		0	0	n.m.	3,552	24	n.m.	2,310	20	n.m.	81,504	68	n.m.
Total lines	172,452		164,614	361	0.2 %	162,581	282	0.2 %	161,810	244	0.2 %	159,008	133	0.1 %
HOLDING COMPANY SUMMARY														
(for states reported above)		Ameritech	21,054	100	0.5 %	20,981	80	0.4 %	21,665	69	0.3 %	20,589	45	0.2 %
		Bell Atlantic	41,429	91	0.2	40,727	81	0.2	40,401	61	0.1	39,402	38	0.1
		BellSouth	24,104	41	0.2	23,640	29	0.1	23,347	20	0.1	23,154	9	***
		GTE	17,008	23	0.1	16,714	14	0.1	16,582	9	0.1	16,398	7	***
		SBC	36,778	67	0.2	36,173	49	0.1	36,168 &	n.m. &	n.m. &	35,612	21	0.1
		Sprint	7,545	30	0.4	7,451	*	*	7,406	*	*	7,182	11	0.2
		U S WEST	16,695	8	***	16,198	5	***	16,242	3	***	16,130	1	***

Notes for Table 3.3 follow Table 3.4.

Table 3.4
Percent of ILEC Lines Served by Switching Centers
Where New Entrants Have Collocation Arrangements

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES
ALABAMA	2,405	BellSouth	30.4 %	45.1 %	34.7 %	28.2 %	43.0 %	32.3 %	12.4 %	24.1 %	15.7 %	12.3 %	25.5 %	16.1 %
ALASKA	398													
ARIZONA	2,732	U S WEST	53.3	75.1	59.6	51.3	72.1	57.1	17.0	30.7	20.9	48.5	68.6	54.4
ARKANSAS	1,369	SBC	12.0	20.8	14.7	9.6	18.6	12.4	9.6	19.0	12.5	9.6	20.7	12.9
CALIFORNIA	21,483	GTE	49.8	55.7	51.8	41.6	52.3	45.0	21.3	30.7	24.4	16.1	26.3	20.3
		SBC	74.0	82.3	77.3	59.4	71.6	64.1	46.8	63.7	53.5	32.5	48.5	37.3
COLORADO	2,644	U S WEST	55.6	66.3	59.0	55.8	65.5	58.7	6.0	15.0	8.8	25.1	41.9	30.6
CONNECTICUT	2,152	SNET	17.4	32.6	22.8	17.6	33.3	23.5						
DELAWARE	532	Bell Atlantic	80.0	91.9	84.3	66.6	83.0	72.6	66.6	83.0	72.6	63.1	81.6	69.9
DIST. OF COLUMBIA	920	Bell Atlantic	57.6	85.1	76.4	8.1	68.4	49.3	8.1	69.0	49.6	8.2	70.1	49.9
FLORIDA	10,491	BellSouth	34.7	50.8	39.7	28.8	44.8	33.7	26.1	41.6	30.8	24.6	42.5	30.0
		GTE	14.5	38.8	21.4	3.0	19.0	7.3	5.7	24.7	11.0	13.5	44.0	26.9
		Sprint	21.2	47.2	29.0	21.6	33.1	25.0	18.7	39.4	24.9	11.2	18.5	13.3
GEORGIA	4,770	BellSouth	43.1	57.8	48.3	39.7	55.5	45.3	26.0	43.8	32.3	19.5	43.1	27.9
HAWAII	708	GTE	24.4	44.6	31.4	23.6	36.9	28.1	23.2	45.2	31.2	21.2	43.5	31.3
IDAHO	681	U S WEST	26.9	36.5	29.6	27.6	37.3	30.3	24.9	37.1	28.4	23.0	37.1	26.9
ILLINOIS	7,981	Ameritech	70.6	83.2	75.7	58.0	73.2	64.2	49.1	66.3	56.4	41.2	58.3	48.2
		GTE	4.7	7.6	5.5	13.4	31.6	17.9	3.0	4.7	3.5	4.8	16.2	8.7
INDIANA	3,471	Ameritech	41.1	57.0	46.8	41.2	57.1	46.8	20.4	36.7	26.4	20.4	36.7	26.4
		GTE	17.2	27.2	20.0	9.1	18.9	11.7	0.0	0.0	0.0	0.0	0.0	0.0
		Sprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IOWA	1,589	U S WEST	43.4	56.9	47.6	43.4	55.9	47.2	3.3	7.5	4.6	19.0	28.9	22.1
KANSAS	1,585	SBC	22.6	29.5	24.9	22.7	29.5	24.9	14.0	19.9	15.9	13.9	21.3	16.2
		Sprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KENTUCKY	2,064	BellSouth	20.9	34.0	24.6	20.9	34.9	24.8	21.0	35.2	24.9	21.0	37.3	25.5
		GTE	6.0	20.8	10.0	8.7	13.8	10.0	6.0	22.8	10.7	6.1	33.9	16.4
LOUISIANA	2,435	BellSouth	26.3	40.3	30.6	10.7	28.8	16.0	5.0	20.1	9.4	3.5	15.9	7.1

Table 3.4
Percent of ILEC Lines Served by Switching Centers
Where New Entrants Have Collocation Arrangements

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES
MAINE	808	Bell Atlantic	9.1 %	18.3 %	11.7 %	9.2 %	18.7 %	11.8 %	9.2 %	18.9 %	11.8 %	5.2 %	11.9 %	7.1 %
MARYLAND	3,494	Bell Atlantic	33.1	49.1	38.9	21.1	37.9	27.2	20.8	35.9	26.3	18.6	35.9	24.8
MASSACHUSETTS	4,464	Bell Atlantic	49.2	61.3	53.7	28.7	49.1	35.8	26.6	44.9	32.9	25.3	47.4	33.4
MICHIGAN	6,258	Ameritech GTE	49.4 0.0	63.1 0.0	54.4 0.0	47.8 0.0	61.6 0.0	52.7 0.0	44.2 0.0	59.6 0.0	49.8 0.0	43.1 0.0	60.9 0.0	49.6 0.0
MINNESOTA	2,878	Frontier				*	*	*						
		Sprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		U S WEST	41.7	64.1	49.4	39.8	61.4	46.9	28.6	51.4	36.2	27.8	51.9	36.0
MISSISSIPPI	1,321	BellSouth	19.2	30.7	22.7	19.2	33.7	23.3	13.7	26.0	17.2	10.2	21.4	13.4
MISSOURI	3,324	SBC	27.9	49.7	35.0	27.9	50.0	35.1	13.7	31.7	19.6	14.1	34.8	20.5
		Sprint	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	0.0	0.0	0.0
MONTANA	508	U S WEST	18.0	26.1	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NEBRASKA	995	U S WEST	42.6	61.3	48.4	37.4	57.0	43.2	23.3	47.1	30.6	32.3	53.4	38.8
NEVADA	1,207	SBC	37.7	57.3	44.9	4.9	3.0	4.3	38.2	58.2	45.6	38.4	55.1	42.4
		Sprint	99.2	98.8	99.0	99.6	100.0	99.7	*	*	*	99.1	99.5	99.2
NEW HAMPSHIRE	818	Bell Atlantic	35.1	52.0	40.7	35.4	52.2	41.1	35.3	56.0	41.9	31.8	49.2	37.6
NEW JERSEY	6,201	Bell Atlantic	31.3	44.7	36.1	23.5	36.0	28.0	18.9	31.4	23.4	17.2	29.6	21.6
		Sprint	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	0.0	0.0	0.0
NEW MEXICO	901	U S WEST	32.0	42.1	34.7	32.1	41.5	34.6	29.2	41.2	32.4	29.5	42.9	33.2
NEW YORK	12,715	Bell Atlantic	55.9	67.4	60.1	45.0	63.0	51.4	18.7	48.6	29.5	18.7	48.2	28.4
		Frontier				*	*	*				*	*	*
NORTH CAROLINA	4,695	BellSouth	41.5	61.0	48.3	38.9	59.2	45.9	35.8	57.7	43.2	23.3	44.2	30.4
		GTE	11.3	36.1	19.5	24.7	30.8	26.6	11.3	39.1	20.7	7.3	25.2	18.0
		Sprint	2.6	6.9	3.8	2.7	6.8	3.8	2.7	6.7	3.7	4.6	7.5	5.4
NORTH DAKOTA	402	U S WEST	49.1	55.4	51.0	49.1	55.9	51.1	0.0	0.0	0.0	0.0	0.0	0.0
OHIO	6,729	Ameritech	49.8	65.9	54.9	41.9	58.9	47.4	41.9	59.8	48.1	40.0	65.4	48.6
		GTE	1.6	3.5	2.0	2.3	1.8	2.2	0.0	0.0	0.0	1.5	4.8	2.6
		Sprint	3.3	4.5	3.6	3.2	4.5	3.5	*	*	*	0.0	0.0	0.0
OKLAHOMA	1,954	SBC	31.1	41.7	34.4	29.3	39.8	32.6	25.4	41.1	30.3	21.7	37.9	26.6

Table 3.4
Percent of ILEC Lines Served by Switching Centers
Where New Entrants Have Collocation Arrangements

[illegible]

Table 3.4
Percent of ILEC Lines Served by Switching Centers
Where New Entrants Have Collocation Arrangements

STATE	TOTAL STATE LINES (1997 USF Loops in thousands) +	COMPANY	AS OF DECEMBER 31, 1998			AS OF SEPTEMBER 30, 1998			AS OF JUNE 30, 1998			AS OF DECEMBER 31, 1997		
			RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES	RESIDENTIAL LINES	OTHER LINES	TOTAL LINES
Percentages for companies listed above (weighted average based on total lines served including those withheld to maintain confidentiality)			42.2 %	58.3 %	47.7 %	34.8 %	51.5 %	40.4 %	25.3 %	44.1 %	31.7 %	23.3 %	41.4 %	29.5 %

HOLDING COMPANY SUMMARY (for states reported above)	Ameritech	59.4 %	72.4 %	64.2 %	50.0 %	65.6 %	55.7 %	42.3 %	59.0 %	48.6 %	38.7 %	57.0 %	45.6 %
	Bell Atlantic	43.2	58.9	49.0	32.6	50.2	39.0	23.8	44.7	31.4	22.8	44.4	30.4
	BellSouth	33.4	49.4	38.5	28.9	46.2	34.2	23.1	40.1	28.4	19.6	37.9	25.3
	GTE	21.1	33.9	24.9	16.4	28.9	19.9	9.7	21.2	12.9	10.5	26.8	17.1
	SBC @@	51.5	66.3	57.0	41.0	56.4	46.6	33.4	52.2	40.4	22.9	39.1	28.0
	Sprint	17.6	29.3	20.9	17.5	25.3	19.7	16.6	26.5	19.4	14.7	21.1	16.5
	U S WEST	47.0	62.9	52.0	45.7	60.8	50.2	17.1	31.2	21.4	30.4	48.7	36.1

Notes for Table 3.4 appear on the next page.

NOTES FOR TABLE 3.1 THROUGH TABLE 3.4

Notes that apply to all tables

Source: Compiled from data reported in voluntary local competition surveys posted at http://www.fcc.gov/ccb/local_competition on the World Wide Web.

Voice grade lines in service to end users are for the provision of voice grade switched service. UNE loops have been included in total switched lines, as reported in Table 3.1 through Table 3.3. Residential and other switched lines, reported separately in Table 3.4, do not include UNE loops; most surveyed incumbent companies report that they do not know whether a competitor's end-user customer served by means of a UNE loop is a residential customer or other customer. Special access lines are not included in any table. Some data for prior periods have been revised. Detail may not add to totals due to rounding. Total state lines, as measured for determining Universal Service Fund payments, are presented in some tables because not all incumbent companies were surveyed. Questions were refined over the course of the surveys, and reported data may not be strictly comparable across surveys in part for this reason. GTE data as of 6/30/98 have been roughly adjusted to compensate for the apparent reporting of individual channel service (voice grade) lines as individual higher capacity (T-1) lines.

- * Withheld to maintain confidentiality as requested by reporting company.
- ** Amount is fewer than 500 lines.
- *** Amount is less than 0.05%.
- + Total lines are sums of lines reported only by those companies whose names appear in the table, except that values appearing in the column labeled "Total State Lines (1997 USF Loops in thousands)" are sums for all incumbent local exchange companies. The number of USF loops generally is somewhat smaller than the number of switched access lines. In the tables, USF loops and reported switched access lines, by state, at the end of 1997 do not differ by more than 2%, which is within the typical range of variation.
- & **SBC, California (6/30/98 data):** Total switched lines includes a number of UNE loops (52,092) that SBC confirms is too high, but SBC has not been able to provide a corrected value.
Ameritech, all states (6/30/98 data): Reported numbers of total switched lines in service, and also reported numbers of switched lines provided directly to end users (as opposed to CLECs), consistently exceed the comparable values reported as of 9/30/98 and as of 12/31/98. It therefore appears that private lines or other, unexplained, lines have been included in the 6/30/98 data but not in the later data. Directions for completing the survey were more detailed and explicit in the latter two surveys.
- n.a. Not available. Survey participants were asked to use n.a. in responding to a question when the response was known to be positive but unavailable for reporting, or when the respondent could not determine whether or not it had anything to report in that category.
- Res. Residential.

Additional notes for Table 3.1

- # "Other resale" lines are lines provided to communications carriers (for resale to end users) under arrangements, such as retail "centrex" tariffs, that are not wholesale "total service resale" (TSR). The obligation of incumbent carriers to make their services available to other carriers under TSR arrangements is set out in section 251(c)(4) of the Telecommunications Act, and the standards for pricing TSR are set out in section 252(c)(3) (state commission to set wholesale rates based on retail rates, excluding any marketing, billing, collection, and other avoided costs). Lines reported as "other resale" should include only lines provided to other carriers. They should not include, for example, lines provided to a shared tenant service provider unless that provider is a state-authorized competitive local exchange carrier (CLEC). Some such lines may, nevertheless, be included in the reported data. Ameritech, Bell Atlantic, and U S WEST have indicated that their databases do not at this time completely distinguish between retail services provided to carriers for resale, and the same services provided to agents and other non-carriers for resale. McLeodUSA is an example of a CLEC that has used centrex resale in its market entry strategy (initially in Iowa and more recently elsewhere in the U S WEST region and in parts of the Ameritech region).
- ## U S WEST combined TSR and "other resale" lines (see note #) in data reported for 6/30/98 and 12/31/97. To facilitate general comparisons over time, the two types of resale to CLECs are summarized as a combined amount for Ameritech,

as of 6/30/98, as well. (By contrast, Ameritech TSR lines, strictly defined, are summarized in Table 3.2.) The included numbers of Ameritech "other resale" lines as of 6/30/98 that are included in Table 3.1 are:

Illinois	20,946
Indiana	2,528
Michigan	13,011
Ohio	30,074
Wisconsin	19,055

n.m. Not meaningful; total switched lines withheld to maintain confidentiality include UNE loops.

Additional notes for Table 3.2

@ TSR lines reported by U S WEST as of 6/30/98 include lines provided to CLECs under other resale arrangements, particularly resold "centrex" service. See also note # to Table 3.1.

n.a. Not applicable (zero ILEC resold lines).

Additional notes for Table 3.3

n.m. Not meaningful; total switched lines withheld to maintain confidentiality include resold lines.

Additional notes for Table 3.4

Several companies, including GTE, SBC (for Nevada), and U S WEST, may not have reported on a consistent basis data on collocation arrangements in some states. Excluding, for example, U S WEST data results in slight changes in nationwide percentages: 33.5% of residential, 50.6% of other, and 39.3% of total lines as of 9/30/98; 26.3% of residential, 45.4% of other, and 32.9% of total lines as of 6/30/98; 22.5% of residential, 40.6% of other, and 28.7% of total lines as of 12/31/97.

@@ SBC summaries as of 6/30/98 and 12/31/97 exclude SNET, for which information is not available.

[Note to electronic version: This page intentionally not numbered and left blank.]

IV. NEW ENTRANTS IN THE SWITCHED MARKET: NATIONWIDE, BY STATE, AND BY LATA

This section contains summary information about the number of new local service competitors holding telephone numbering codes *nationwide, by state, and by LATA*, and detailed information about the identity of those new competitors *by state and by LATA*.³⁰

Numbering codes are used to route and rate switched telephone traffic within the nationwide network, including assuring that a call is delivered to the telephone switch serving the customer to whom the call is directed.³¹ A local service competitor that owns a telephone switch must acquire a numbering code for that switch before commencing operation as a facilities-based CLEC providing mass market switched telephone service. In order to receive one or more numbering codes in an area, local exchange carriers must be licensed or certified to operate in an area, if required by a state regulatory authority, and must demonstrate that all applicable regulatory authority required to provide service has been obtained.

Assignment of a numbering code in a particular area does not indicate that the carrier assigned the code is providing service in the area. Reservation of codes is permitted to accommodate technical and planning constraints. However, if a reserved code is not activated within eighteen months, the codes will be released from reservation.³² Telephone numbering codes are currently assigned to local exchange carriers in blocks of 10,000 for use with lines located within a unique geographically defined rate exchange area.³³

Competitive local service providers have been defined in this report as those carriers that identify themselves as competitive local service providers and have been assigned an operating company number between 7000 and 8999, the range reserved by the National Exchange Carrier Association for competitive local service providers. Local resellers may obtain numbering codes for rating purposes, in which case they are included in this section, or may choose other rating methods that rely on the use of the numbering codes obtained by the facilities-based carriers providing their wholesale local exchange service, in which case they are not included. Where information was available, we have attempted to consolidate with the parent company subsidiaries and affiliates purchased for entry into the local market.³⁴

Table 4.1 summarizes information at the national and state levels on local service competitor

³⁰ The information is derived from information maintained by Telcordia Technologies' (formerly Bellcore) Traffic Routing Administration and published in *Local Exchange Routing Guide (LERG)*.

³¹ Numbering codes are assigned to identify addresses in the public switched network, not addresses within private networks. The first three digits of each seven-digit telephone number in a block of 10,000 numbering codes is variously called a "Central Office" code or "CO" code or "NXX" code.

³² Under certain circumstances, when the reservation is solely due to technical constraints, the reservation may be extended.

³³ Rate exchange areas are geographically defined areas within which calls that originate and terminate (i.e., remain within the area) are considered local calls.

³⁴ For example, Teleport Communications Group completed mergers with ACC National Telecom Corp. in April of 1998 and with AT&T Local in July of 1998. WorldCom Technologies, Inc. completed mergers with Brooks Fiber Properties, Inc. in January of 1998 and with MCIMetro ATS, Inc. in September of 1998.

numbering code activity, and Chart 4.1 summarizes this information at the LATA level. Individual state and LATA level detail is provided in Table 4.2. The numbering code data show that new local service providers have continued to enter the local exchange business. On a nationwide basis, 158 CLECs now have at least one numbering code, compared to 13 which had numbering codes in the last quarter of 1995. As of the end of June, there remained only 18 of the nation's 193 LATAs where CLECs had not yet obtained numbering codes. Twenty LATAs now have 10 or more CLECs with codes, and 62 LATAs have 5 or more such CLECs.

Table 4.3 presents nationwide information on amounts of numbering codes assigned to incumbents and competitors as well as their relative shares. The share of numbering codes held by competitors has steadily increased over time and reached 20% in the second quarter of 1999.

Table 4.1
Local Service Competitors Holding Numbering Codes

STATE	1994				1995				1996				1997				1998				1999	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
ALABAMA	0	0	0	0	0	0	0	0	0	0	1	1	1	3	5	5	6	6	6	6	6	6
ALASKA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
ARIZONA	0	0	0	0	0	0	0	0	0	0	3	4	5	5	6	7	9	9	8	8	9	9
ARKANSAS	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	5	5	5	6	6	6	7
CALIFORNIA	0	0	0	0	1	1	2	2	4	6	8	12	14	17	18	20	20	24	26	28	28	28
COLORADO	0	0	1	1	1	1	1	2	2	2	3	4	4	4	4	7	7	10	11	11	13	13
CONNECTICUT	0	0	0	0	0	0	1	2	4	4	4	5	6	6	7	8	7	8	5	5	4	4
DELAWARE*	0	0	0	0	0	0	0	1	2	4	4	4	5	6	9	11	11	12	12	13	13	13
DIST. OF COLUMBIA	0	0	0	0	1	1	2	2	2	2	4	4	4	6	6	6	6	10	8	12	13	14
FLORIDA	0	0	0	0	0	0	0	0	4	7	9	8	10	11	13	16	18	21	22	26	27	30
GEORGIA	0	0	0	0	0	0	0	0	1	3	4	4	5	6	7	12	13	18	19	19	18	18
HAWAII	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	3
ILLINOIS	0	0	1	3	3	3	3	3	4	4	5	6	7	9	9	10	11	12	14	15	13	14
INDIANA	0	0	0	0	0	0	0	0	0	0	2	3	3	3	4	6	5	6	6	6	6	9
IOWA	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	5	5	5	7	10	12	12
KANSAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	4
KENTUCKY	0	0	0	0	0	0	0	0	0	0	1	1	1	3	5	5	5	6	7	7	7	7
LOUISIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	5	6	9	13	13	13
MAINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2
MARYLAND	0	0	0	1	1	2	3	3	3	3	3	3	4	4	4	5	5	8	7	8	8	8
MASSACHUSETTS	0	0	1	1	2	2	3	3	3	4	4	4	6	8	11	12	11	11	9	10	12	12
MICHIGAN	0	0	0	1	2	2	3	4	4	4	4	4	5	5	6	7	7	7	8	8	8	8
MINNESOTA	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	6	7	8	9	10	11	12
MISSISSIPPI	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	3	4	4	5	5	5
MISSOURI	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	6	5	7	10	11	12	12
MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	3	4	4
NEBRASKA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	4	4	4	4
NEVADA	0	0	0	0	0	0	0	0	0	0	1	2	4	4	3	3	4	4	4	4	5	5
NEW HAMPSHIRE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	4	5	5	4
NEW JERSEY	0	0	0	0	0	0	0	0	0	1	3	3	3	6	6	7	8	9	6	8	9	10
NEW MEXICO	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	3	3	3	4	4	4
NEW YORK	0	2	3	5	5	6	7	8	8	8	10	11	11	13	13	15	16	20	23	24	24	24
NORTH CAROLINA	0	0	0	0	0	0	0	0	0	0	1	2	3	5	8	8	11	12	11	12	12	12
NORTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	5	8	8	7	8
OHIO	0	0	0	0	0	0	0	0	1	2	4	5	6	6	7	9	9	11	9	10	11	12
OKLAHOMA	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	5	5	5	5	6	6	7
OREGON	0	0	0	0	1	1	1	1	2	2	2	2	4	5	5	7	7	8	10	10	10	10
PENNSYLVANIA*	0	0	0	0	0	0	0	2	3	4	4	5	6	6	9	11	11	12	14	15	15	15
RHODE ISLAND	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	3	3	3	4	4	3
SOUTH CAROLINA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4	7	7	7	7
SOUTH DAKOTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3
TENNESSEE	0	0	0	0	0	0	0	0	1	2	3	5	5	7	7	8	10	10	8	9	10	10
TEXAS	0	0	0	0	0	0	0	1	2	3	4	4	8	13	17	21	24	28	32	34	33	32
UTAH	0	0	0	0	0	0	0	0	0	1	1	3	3	3	3	3	3	4	4	4	4	4
VERMONT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2
VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	3	4	7	7	7	8	8
WASHINGTON	0	0	2	2	3	3	4	5	5	5	6	6	7	9	9	10	11	12	12	12	12	12
WEST VIRGINIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
WISCONSIN	0	0	0	1	1	1	2	2	2	2	2	2	3	4	5	7	9	9	10	13	13	14
WYOMING	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2
TOTAL STATE MARKETS**	0	2	8	15	22	24	33	41	56	70	104	123	152	199	241	296	317	374	398	441	453	470
TOTAL NATIONWIDE (UNDUPLICATED)	0	2	5	8	10	11	12	13	15	20	27	31	41	53	72	90	95	112	141	150	153	158

* Delaware resides entirely within the Philadelphia LATA. Therefore, competitors holding codes in the Philadelphia LATA are included in both Pennsylvania and Delaware figures.

** Local service competitors are counted once for each state where they hold numbering codes.

Chart 4.1
Local Service Competitors Holding Numbering Codes by LATA on July 1, 1999

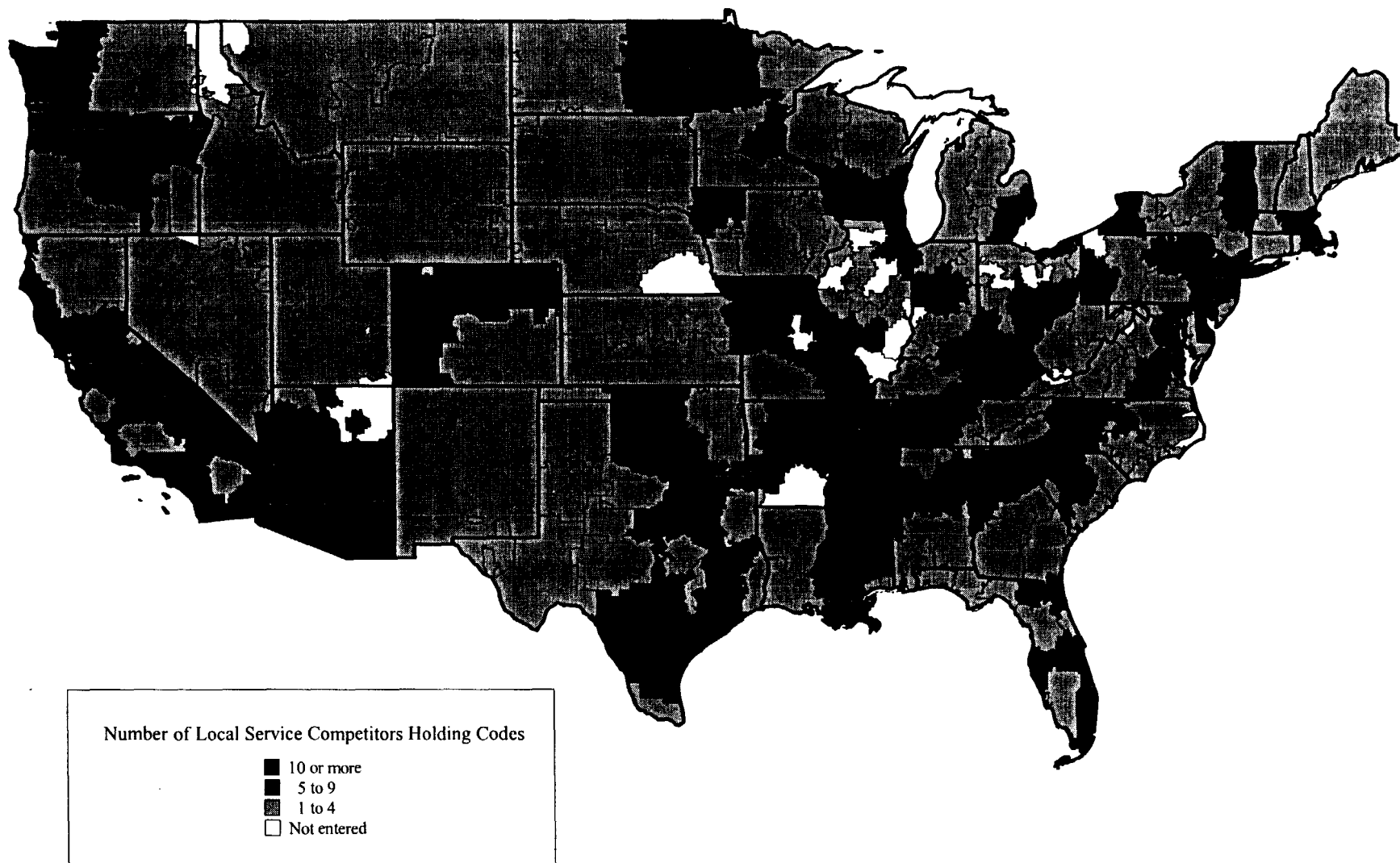


Table 4.2
Local Service Competitors Identified

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
ALABAMA	BIRMINGHAM	AT&T LOCAL*																								
		E.SPIRE COMMUNICATIONS, INC.																								
		ICG TELECOM GROUP, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
	HUNTSVILLE	TELEPORT COMM GROUP*																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	4	4	4	5	5	5		
		AT&T LOCAL*																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
	MOBILE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	3	3	3		
		AT&T LOCAL*																								
		ITC HOLDING CO.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	3	3		
	MONTGOMERY	AT&T LOCAL*																								
		ITC HOLDING CO.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3		
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3			
ALASKA	ALASKA	GCI COMMUNICATION CORP.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1			
ARIZONA	NAVAJO TERRITORY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		AT&T LOCAL*																								
		COX COMMUNICATIONS, INC.																								
		ELECTRIC LIGHTWAVE, INC.																								
		GST LIGHTWAVE, INC.																								
	PHOENIX	MCIMETRO ATS, INC.**																								
		MOUNTAIN TELECOMMUNICATIONS, INC.																								
		NORTH COUNTY COMMUNICATIONS CORP.																								
		OPTEL TEXAS TELECOM, INC.																								
		SADDLEBACK COMMUNICATIONS CO.																								
	TUCSON	TELEPORT COMM GROUP*																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	5	7	7	7		
		AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		E.SPIRE COMMUNICATIONS, INC.																								
		GST LIGHTWAVE, INC.																								
		MCIMETRO ATS, INC.**																								
		MOUNTAIN TELECOMMUNICATIONS, INC.																								
WORLDCOM TECHNOLOGIES, INC.**																										
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA		0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	3	4	5	5			
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ARKANSAS		FORT SMITH	SOUTHWESTERN BELL TELEPHONE CO.																							
LITTLE ROCK		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1		
	AT&T LOCAL*																									
	ALLTEL COMMUNICATIONS, INC.																									
	BROOKS FIBER PROPERTIES, INC.**																									
	CONNECT COMMUNICATIONS CORP.																									
PINE BLUFF	E.SPIRE COMMUNICATIONS, INC.																									
	HYPERION TELECOMMUNICATIONS, INC.																									
	MCIMETRO ATS, INC.**																									
	WORLDCOM TECHNOLOGIES, INC.**																									
	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	5	5	5	5	5	6			
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CALIFORNIA	BAKERSFIELD	BROOKS FIBER PROPERTIES, INC.**																								
	FIRSTWORLD																									
	GST LIGHTWAVE, INC.																									
	MCIMETRO ATS, INC.**																									
	PAC-WEST TELECOMM																									
	WORLDCOM TECHNOLOGIES, INC.**																									
CHICO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	3	3	4			
	PAC-WEST TELECOMM																									
	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1			
	AT&T LOCAL*																									
	BROOKS FIBER PROPERTIES, INC.**																									
FRESNO	GST LIGHTWAVE, INC.																									
	MEDIAONE, INC.																									
	MCIMETRO ATS, INC.**																									

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
CALIFORNIA	FRESNO (CONT'D)	PAC-WEST TELECOMM																								
		WORLDCOM TECHNOLOGIES, INC.**																								
	LOS ANGELES	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	3	3	3	5	5	5			
		ALLEGIANCE TELECOM, INC.																								
	AT&T LOCAL*																									
	COMCAST TELEPHONY COMMUNICATONS, INC.																									
	COX COMMUNICATIONS, INC.																									
	CRL NETWORK SERVICES, INC.																									
	FIRSTWORLD																									
	FOCAL COMMUNICATIONS CORP.																									
	FRONTIER LOCAL SERVICES, INC.																									
	GST LIGHTWAVE, INC.																									
	GTE, INC.																									
	ICG TELECOM GROUP, INC.																									
	INTERMEDIA COMMUNICATIONS, INC.																									
	JUSTICE TECHNOLOGY CORP.																									
	LEVEL 3 COMMUNICATIONS, L.L.C.																									
	MCIMETRO ATS, INC.**																									
	MEDIAONE, INC.																									
	MGC COMMUNICATIONS, INC.																									
	NEXTLINK, INC.																									
	OPTEL TEXAS TELECOM, INC.																									
	PACIFIC BELL																									
	PAC-WEST TELECOMM																									
	TELEPORT COMM GROUP*																									
	TELIGENT, INC.																									
	THE TELEPHONE CONNECTION OF LOS ANGELES, INC.																									
	TIME WARNER COMMUNICATIONS, L.P.																									
	U.S. TELEPACIFIC CORP.																									
	WINSTAR TELECOMMUNICATIONS, INC.																									
	WORLDCOM TECHNOLOGIES, INC.**																									
	MONTEREY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	1	1	1	1	3	5	7	8	9	12	14	16	16	19	20	23	26	26		
		ICG TELECOM GROUP, INC.																								
	PALM SPRINGS	PAC-WEST TELECOMM																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2		
		AT&T LOCAL*																								
		GST LIGHTWAVE, INC.																								
		MGC COMMUNICATIONS, INC.																								
		PAC-WEST TELECOMM																								
	SACRAMENTO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	3	4			
		AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		ELECTRIC LIGHTWAVE, INC.																								
		FRONTIER LOCAL SERVICES, INC.																								
		ICG TELECOM GROUP, INC.																								
		MCIMETRO ATS, INC.**																								
		PACIFIC BELL																								
		PAC-WEST TELECOMM																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
	SAN DIEGO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	2	3	3	4	4	4	4	4	4	6	6	7	8	8		
		ALLEGIANCE TELECOM, INC.																								
		AT&T LOCAL*																								
		COX COMMUNICATIONS, INC.																								
		FIRSTWORLD																								
		FRONTIER LOCAL SERVICES, INC.																								
		ICG TELECOM GROUP, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		MGC COMMUNICATIONS, INC.																								
		NEXTLINK, INC.																								
		NORTH COUNTY COMMUNICATIONS CORP.																								
		PAC-WEST TELECOMM																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		TIME WARNER COMMUNICATIONS, L.P.																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	1	1	1	2	4	5	6	6	7	7	8	9	10	11	14	15	15		

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES															
			1994				1995				1996				1997			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CALIFORNIA	SAN FRANCISCO	ALLEGIANCE TELECOM. INC.																
		AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		CRL NETWORK SERVICES, INC.																
		FIRSTWORLD																
		FOCAL COMMUNICATIONS CORP.																
		FRONTIER LOCAL SERVICES, INC.																
		GST LIGHTWAVE, INC.																
		ICG TELECOM GROUP, INC.																
		JUSTICE TECHNOLOGY CORP.																
		LEVEL 3 COMMUNICATIONS, L.L.C.																
		MCIMETRO ATS, INC.**																
		NEXTLINK, INC.																
		OPTEL TEXAS TELECOM, INC.																
		PACIFIC BELL																
		PAC-WEST TELECOMM																
		STANFORD UNIVERSITY COMMUNICATIONS SERVICES																
		TCI TELEPHONY SERVICES*																
		TELIGENT, INC.																
		TELEPORT COMM GROUP*																
		U.S. TELEPACIFIC CORP.																
		WINSTAR TELECOMMUNICATIONS, INC.																
		WORLDCOM TECHNOLOGIES, INC.**																
	SAN LUIS OBISPO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	1	2	2	3	5	6	8	9	10	10	10
		AT&T LOCAL*																
		GST LIGHTWAVE, INC.																
		ICG TELECOM GROUP, INC.																
		PACIFIC BELL																
	STOCKTON	PAC-WEST TELECOMM																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	2	2	2	2	2	3	4
		AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		ICG TELECOM GROUP, INC.																
COLORADO	COLORADO SPRINGS	MCIMETRO ATS, INC.**																
		MEDIAONE, INC.																
		PAC-WEST TELECOMM																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2
	DENVER	AT&T LOCAL*																
		E.SPIRE COMMUNICATIONS, INC.																
		ICG TELECOM GROUP, INC.																
		KINGS DEER TELEPHONE CO.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA													1	1	2	2
		AT&T LOCAL*																
		CONVERGENT COMMUNICATIONS, INC.																
		FRONTIER LOCAL SERVICES, INC.																
		GREAT WEST SERVICES, LTD.																
		ICG TELECOM GROUP, INC.																
		LEVEL 3 COMMUNICATIONS, L.L.C.																
		MCIMETRO ATS, INC.**																
		MEDIAONE, INC.																
		NEXTLINK, INC.																
		OPTEL TEXAS TELECOM, INC.																
		TELEPORT COMM GROUP*																
		TELIGENT, INC.																
		TIME WARNER COMMUNICATIONS, L.P.																
		WINSTAR TELECOMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	1	1	1	1	1	2	2	2	3	4	4	4	6	6
CONNECTICUT	CONNECTICUT	AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		CABLE LIGHTPATH, INC.																
		COX COMMUNICATIONS, INC.																
		ICG TELECOM GROUP, INC.																
		MCIMETRO ATS, INC.**																
		TCI TELEPHONY SERVICES*																
		TELEPORT COMM GROUP*																
		WINSTAR TELECOMMUNICATIONS, INC.																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	1	2	4	4	4	5	6	6	7	8

Table 4.2
Local Service Competitors Identified - Continued

STATE			LATA		COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
						1994				1995				1996				1997				1998				1999			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
DELAWARE****	PHILADELPHIA	AT&T LOCAL*																											
		ATX TELECOMMUNICATION SERVICES, LTD.																											
		CONECTTV COMMUNICATIONS, INC.																											
		CONESTOGA COMMUNICATIONS, INC.																											
		FOCAL COMMUNICATIONS CORP.																											
		HYPERION TELECOMMUNICATIONS, INC.																											
		INTERMEDIA COMMUNICATIONS, INC.																											
		LEVEL 3 COMMUNICATIONS, L.L.C.																											
		MCIMETRO ATS, INC.**																											
		NEXTLINK, INC.																											
		RCN TELECOM/COMMONWEALTH TELEPHONE																											
		SERVICE ELECTRIC TELEPHONE, INC.																											
		TELEPORT COMM GROUP*																											
		TELIGENT, INC.																											
		WINSTAR TELECOMMUNICATIONS, INC.																											
		WORLDCOM TECHNOLOGIES, INC.**																											
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA					0	0	0	0	0	0	0	0	1	2	4	4	4	5	6	9	11	11	12	12	13	13	13		
DIST. OF COLUMBIA	WASHINGTON DC	ALLEGIANCE TELECOM, INC.																											
		AT&T LOCAL*																											
		ESPIRE COMMUNICATIONS, INC.																											
		FOCAL COMMUNICATIONS CORP.																											
		GLOBAL NAPS, INC.																											
		INTERMEDIA COMMUNICATIONS, INC.																											
		JONES INTERCABLE																											
		LEVEL 3 COMMUNICATIONS, L.L.C.																											
		MCIMETRO ATS, INC.**																											
		NEXTLINK, INC.																											
		RCN TELECOM/COMMONWEALTH TELEPHONE																											
		SPRINT METRO NTWKS																											
		TELEPORT COMM GROUP*																											
		TELIGENT, INC.																											
		WINSTAR TELECOMMUNICATIONS, INC.																											
		WORLDCOM TECHNOLOGIES, INC.**																											
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA					0	0	0	0	1	1	2	2	2	2	4	4	4	6	6	6	6	10	8	12	13	14			
FLORIDA	DAYTONA BEACH	AT&T LOCAL*																											
		ITC HOLDING CO.																											
		KMC TELECOM CORP.																											
		TIME WARNER COMMUNICATIONS, L.P.																											
		US LEC, L.L.C.																											
	FT MYERS	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5	5	4				
		AT&T LOCAL*																											
		ITC HOLDING CO.																											
	GAINESVILLE	KMC TELECOM CORP.																											
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3					
		AT&T LOCAL*																											
	JACKSONVILLE	ITC HOLDING CO.																											
		MCIMETRO ATS, INC.**																											
		US LEC, L.L.C.																											
	MIAMI	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	5	7	8	9	9	10				
		AT&T LOCAL*																											
		COMCAST TELEPHONY COMMUNICATONS, INC.																											
		EASTLAND TELEPHONE CO.																											
		ESPIRE COMMUNICATIONS, INC.																											
		GLOBAL NAPS, INC.																											
		HYPERION TELECOMMUNICATIONS, INC.																											
		IDS LONG DISTANCE																											
		INTERMEDIA COMMUNICATIONS, INC.																											
		ITC HOLDING CO.																											

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
FLORIDA	MIAMI (CONT'D)	MCIMETRO ATS, INC.**																								
		MEDIAONE, INC.																								
		MGC COMMUNICATIONS, INC.																								
		NATIONAL TELECOM OF FLORIDA, INC.																								
		NEW MILLENNIUM COMMUNICATIONS CORP.																								
		NORTH AMERICAN TELECOMMUNICATIONS CORP.																								
		STRATEGIC TECHNOLOGIES, INC.																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		US LEC, L.L.C.																								
	ORLANDO	WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	2	3	5	5	7	8	8	8	10	10	11	17	18	19		
		AT&T LOCAL*																								
		BELLSOUTH TELECOMMUNICATIONS, INC.																								
		BUSINESS TELECOM, INC.																								
		GOLDEN HARBOR, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
	PANAMA CITY	MCIMETRO ATS, INC.**																								
		NATIONAL TELECOM OF FLORIDA, INC.																								
		NEW SOUTH COMMUNICATIONS, L.L.C.																								
		ORLANDO TEL CO.																								
		SPRINT METRO NTWKS																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		TIME WARNER COMMUNICATIONS, L.P.																								
		US LEC, L.L.C.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
	PENSACOLA	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA									2	5	6	6	7	7	8	9	11	14	13	13	13	15		
		AT&T LOCAL*																								
		ITC HOLDING CO.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2		
	TALAHASSEE	AT&T LOCAL*																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
		UNIVERSALCOM, INC.																								
	TAMPA	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3			
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		CITY OF LAKE LAND																								
		E.SPIRE COMMUNICATIONS, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
		MCIMETRO ATS, INC.**																								
		NATIONAL TELECOM OF FLORIDA, INC.																								
		NEW SOUTH COMMUNICATIONS, L.L.C.																								
		TELEPORT COMM GROUP*																								
	GEORGIA	ALBANY	AT&T LOCAL*																							
		ATLANTA	ITC HOLDING CO.																							
		ALLEGIANCE TELECOM, INC.																								
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		FRONTIER LOCAL SERVICES, INC.																								
		GLOBE TELECOMMUNICATIONS, INC.																								

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																					
			1994				1995				1996				1997				1998				1999	
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	C-1	Q2
GEORGIA	ATLANTA (CONT'D)	GOLDEN HARBOR, INC.																						
		ICG TELECOM GROUP, INC.																						
		INTERMEDIA COMMUNICATIONS, INC.																						
		ITC HOLDING CO.																						
		LEVEL 3 COMMUNICATIONS, L.L.C.																						
		MCIMETRO ATS, INC.**																						
		MEDIAONE, INC.																						
		MGC COMMUNICATIONS, INC.																						
		NEXLINK, INC.																						
		TELEPORT COMM GROUP*																						
		TELIGENT, INC.																						
		US LEC, L.L.C.																						
		WINSTAR TELECOMMUNICATIONS, INC.																						
		WORLDCOM TECHNOLOGIES, INC.**																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	3	4	4	5	6	7	11	12	17	18	18	17	17
	AUGUSTA	AT&T LOCAL*																						
		ITC HOLDING CO.																						
		KMC TELECOM CORP.																						
	MACON	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	3	3	3
		AT&T LOCAL*																						
		ITC HOLDING CO.																						
	SAVANNAH	US LEC, L.L.C.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	3	3	3
		AT&T LOCAL*																						
		ITC HOLDING CO.																						
		KMC TELECOM CORP.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	3	3	3
HAWAII	HAWAII	GST LIGHTWAVE, INC.																						
		TIME WARNER COMMUNICATIONS, L.P.																						
IDAHO	BOISE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2
		AT&T LOCAL*																						
IDAHO	BOISE	ELECTRIC LIGHTWAVE, INC.																						
		GST LIGHTWAVE, INC.																						
IDAHO	COVER D-ALENE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	3
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILLINOIS	CAIRO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		AT&T LOCAL*																						
		MCLEOD NETWORK SERVICES***																						
	CHAMPAIGN	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2
		21ST CENTURY TELECOM OF ILLINOIS, INC.																						
		ALLEGIANTELECOM, INC.																						
	CHICAGO	AT&T LOCAL*																						
		FOCAL COMMUNICATIONS CORP.																						
		FRONTIER LOCAL SERVICES, INC.																						
		INTERMEDIA COMMUNICATIONS, INC.																						
		LEVEL 3 COMMUNICATIONS, L.L.C.																						
		MCIMETRO ATS, INC.**																						
		MCLEOD NETWORK SERVICES***																						
		MGC COMMUNICATIONS, INC.																						
		NEXLINK, INC.																						
		OVATION COMMUNICATIONS, INC.***																						
		SPRINT METRO NTWKS																						
		TCI TELEPHONY SERVICES*																						
		TELEPORT COMM GROUP*																						
		TELIGENT, INC.																						
		US ONE COMMUNICATIONS CORP.																						
		WINSTAR TELECOMMUNICATIONS, INC.																						
		WORLDCOM TECHNOLOGIES, INC.**																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	1	3	3	3	3	3	3	4	5	6	8	8	10	11	12	14	14	12	13	13
	FORREST	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		MCLEOD NETWORK SERVICES***																						
	MACOMB	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		MCLEOD NETWORK SERVICES***																						
	MATOON	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		MCLEOD NETWORK SERVICES***																						
	OLNEY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		AT&T LOCAL*																						
	PEORIA	MCLEOD NETWORK SERVICES***																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																						
		MCLEOD NETWORK SERVICES***																						
	QUINCY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2
		MCLEOD NETWORK SERVICES***																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

Table 4.2

[illegible]

Table 4.2
Local Service Competitors Identified - Continued

STATELATACOMPANY			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
			1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
KENTUCKY	OWENSBORO	ALEC, INC.																								
		AT&T LOCAL*																								
	WINCHESTER	COMMUNITY TELEPHONE CORP.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	3	3		
		AT&T LOCAL*																								
		COMMUNITY TELEPHONE CORP.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
		ICG TELECOM GROUP, INC.																								
		SOUTHEAST TELEPHONE, L.P.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	3	3	5		
LOUISIANA	BATON ROUGE	ADVANCED TEL. INC.																								
		AT&T LOCAL*																								
		HYPERION TELECOMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
		LEC UNWIRED, L.L.C.																								
	LAFAYETTE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	5	5	6			
		AT&T LOCAL*																								
		ITC HOLDING CO.																								
		LEC UNWIRED, L.L.C.																								
	NEW ORLEANS	SHELL OFFSHORE SERVICES CO.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	4	4				
		AMERICAN METROCOMM. INC.																								
		AT&T LOCAL*																								
		COLUMBIA TELECOMMUNICATIONS, INC.																								
		COX COMMUNICATIONS, INC.																								
	SHREVEPORT	E.SPIRE COMMUNICATIONS, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		NEW SOUTH COMMUNICATIONS, L.L.C.																								
		SHELL OFFSHORE SERVICES CO.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	6	9	9	9			
		AT&T LOCAL*																								
		ITC HOLDING CO.																								
		KMC TELECOM CORP.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3				
MAINE	MAINE	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		MCIMETRO ATS, INC.**																								
		WORLDCOM TECHNOLOGIES, INC.**																								
MARYLAND	BALTIMORE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2			
		AT&T LOCAL*																								
		COMCAST TELEPHONY COMMUNICATONS, INC.																								
		CONECTIV COMMUNICATIONS, INC.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		MCIMETRO ATS, INC.**																								
	HAGERSTOWN	TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
	SALISBURY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	1	1	2	3	3	3	3	3	3	4	4	4	5	5	8	7	7	7			
		AT&T LOCAL*																								
		RCN TELECOM/COMMONWEALTH TELEPHONE																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2			
MASSACHUSETTS	BOSTON	AT&T LOCAL*																								
		ACC NATIONAL TELECOM CORP.*																								
		COMAV CORP.																								
		FOCAL COMMUNICATIONS CORP.																								
		FRONTIER LOCAL SERVICES, INC.																								
		GLOBAL NAPS, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		LBC TLEPHONY INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		MEDIAONE, INC.																								

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
MASSACHUSETTS	BOSTON (CONT'D)	RCN TELECOM/COMMONWEALTH TELEPHONE																								
		RNK, INC.																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		US ONE COMMUNICATIONS CORP.																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	1	1	2	2	3	3	3	3	3	3	4	7	10	11	11	11	9	10	12	12		
	SPRINGFIELD	ACC NATIONAL TELECOM CORP.*																								
		AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		GLOBAL NAPS, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		TELEPORT COMM GROUP*																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	5	5	5	4	3	3	3		
MICHIGAN	DETROIT	AT&T LOCAL*																								
		COAST TO COAST TELECOMMUNICATIONS, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		MCLEOD NETWORK SERVICES***																								
		MEDIAONE, INC.																								
		OVATION COMMUNICATIONS, INC.***																								
		PHONE MICHIGAN***																								
		TELEPORT COMM GROUP*																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	1	1	1	2	3	3	3	3	3	4	4	5	6	7	7	6	6	6	6		
	GRAND RAPIDS	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		CLIMAX TELEPHONE CO.																								
		MCIMETRO ATS, INC.**																								
		US XCHANGE, L.L.C.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	4		
	LANSING	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		MCIMETRO ATS, INC.**																								
		MCLEOD NETWORK SERVICES***																								
		OVATION COMMUNICATIONS, INC.***																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	3	3		
	SAGINAW	AT&T LOCAL*																								
		MCLEOD NETWORK SERVICES***																								
		OVATION COMMUNICATIONS, INC.***																								
		PHONE MICHIGAN***																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2		
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MINNESOTA	DULUTH	INFOTEL COMMUNICATIONS, L.L.C.																								
		U.S. LINK, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
	MINNEAPOLIS	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		FRONTIER LOCAL SERVICES, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		U.S. LINK, INC.																								
		MCIMETRO ATS, INC.**																								
		MCLEOD NETWORK SERVICES***																								
		MEDIAONE, INC.																								
		OVATION COMMUNICATIONS, INC.***																								
		TELEPORT COMM GROUP*																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	1	1	1	1	4	5	6	7	5	6	7	7		
	ROCHESTER	AT&T LOCAL*																								
		CRYSTAL COMMUNICATIONS, INC.																								
		REDWOOD FALLS TELEPHONE CO.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
MINNESOTA	ST CLOUD	AT&T LOCAL*																								
		FEDERATED TELCOM, INC.																								
		INFOTEL COMMUNICATIONS, L.L.C.																								
		U.S. LINK, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	4	
MISSISSIPPI	BILOXI	AT&T LOCAL*																								
		ITC HOLDING CO.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	
	JACKSON	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		CELLULAR XL ASSOCIATES, L.P.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		MCIMETRO ATS, INC.**																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	3	4	4	5	5	5	
MISSOURI	KANSAS CITY	AT&T LOCAL*																								
		BIRCH TELECOM, INC.																								
		BROADSPAN COMMUNICATIONS																								
		BROOKS FIBER PROPERTIES, INC.**																								
		DUNN & ASSOCIATES, INC.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		FRONTIER LOCAL SERVICES, INC.																								
		MARK TWAIN COMMUNICATIONS CO.																								
		MCIMETRO ATS, INC.**																								
		SPRINT METRO NTWKS																								
		VALU-LINE OF KANSAS																								
	SPRINGFIELD	WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	7	9	8	9		
		BROOKS FIBER PROPERTIES, INC.**																								
		MCIMETRO ATS, INC.**																								
		MCLEOD NETWORK SERVICES***																								
	ST LOUIS	WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2		
		AT&T LOCAL*																								
		BIRCH TELECOM, INC.																								
		BROADSPAN COMMUNICATIONS																								
		DIGITAL TELEPORT COMM GROUP*																								
WESTPHALIA	INTERMEDIA COMMUNICATIONS, INC.																									
	MARK TWAIN COMMUNICATIONS CO.																									
	MCIMETRO ATS, INC.**																									
	MCLEOD NETWORK SERVICES***																									
	TELEPORT COMM GROUP*																									
	WINSTAR TELECOMMUNICATIONS, INC.																									
	WORLDCOM TECHNOLOGIES, INC.**																									
	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	4	5	6	8	9		
	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	MONTANA	BILLINGS	AT&T LOCAL*																							
ECLIPSE COMMUNICATIONS CORP.																										
MID-RIVERS TELEPHONE COOPERATIVE, INC.																										
GREAT FALLS		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
		AT&T LOCAL*																								
NEBRASKA	GRAND ISLAND	MID-RIVERS TELEPHONE COOPERATIVE, INC.																								
		MONTANA WIRELESS, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	LINCOLN OMAHA	AT&T LOCAL*																								
		ADVANCED NETWORK COMMUNICATIONS, L.L.C.																								
NEVADA	LAS VEGAS	ALIAN T MIDWEST INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		AT&T LOCAL*																								
		ALIAN T MIDWEST INC.																								

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
NEVADA	LAS VEGAS (CONT'D)	NEXLINK, INC.																								
		PAC-WEST TELECOM																								
	RENO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
		BROOKS FIBER PROPERTIES, INC.**																								
		MCIMETRO ATS, INC.**																								
		PAC-WEST TELECOM																								
		PHOENIX FIBERLINK																								
WORLDCOM TECHNOLOGIES, INC.**																										
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																										
NEW HAMPSHIRE	NEW HAMPSHIRE	AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		FREEDOM RING COMMUNICATIONS, L.L.C.																								
		GLOBAL NAPS, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		WORLDCOM TECHNOLOGIES, INC.**																								
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																										
NEW JERSEY	ATLANTIC CITY	AT&T LOCAL*																								
		CONECTIV COMMUNICATIONS, INC.																								
	SHELLSBURG TELECOMMUNICATIONS, INC.																									
	TELEPORT COMM GROUP*																									
	DELAWARE VALLEY	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
		AT&T LOCAL*																								
		ATX TELECOMMUNICATION SERVICES, LTD.																								
		CONECTIV COMMUNICATIONS, INC.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
	JERSEY CITY	MCIMETRO ATS, INC.**																								
		NEXLINK, INC.																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
		AT&T LOCAL*																								
		GLOBAL NAPS, INC.																								
	JERSEY CITY	HYPERION TELECOMMUNICATIONS, INC.																								
MCIMETRO ATS, INC.**																										
TELEPORT COMM GROUP*																										
TELIGENT, INC.																										
TIME WARNER COMMUNICATIONS, L.P.																										
WINSTAR TELECOMMUNICATIONS, INC.																										
WORLDCOM TECHNOLOGIES, INC.**																										
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																										
NEW MEXICO	NEW MEXICO	AT&T LOCAL*																								
		ESPIRE COMMUNICATIONS, INC.																								
		BROOKS FIBER PROPERTIES, INC.**																								
		GST LIGHTWAVE, INC.																								
		MCIMETRO ATS, INC.**																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
NEW YORK	ALBANY	ACC NATIONAL TELECOM CORP.*																								
		AT&T LOCAL*																								
		FRONTIER LOCAL SERVICES, INC.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
		MCIMETRO ATS, INC.**																								
		MID-HUDSON COMMUNICATIONS, INC.																								
		TELEPORT COMM GROUP*																								
	BINGHAMTON	TIME WARNER COMMUNICATIONS, L.P.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
		ACC NATIONAL TELECOM CORP.*																								
		AT&T LOCAL*																								
		FRAMCO, INC.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
	BUFFALO	RCN TELECOM/COMMONWEALTH TELEPHONE																								
		TELEPORT COMM GROUP*																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA																								
BUFFALO	ACC NATIONAL TELECOM CORP.*																									
	AT&T LOCAL*																									
	COMAV CORP.																									

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
NEW YORK	BUFFALO (CONT'D)	FRONTIER LOCAL SERVICES, INC.																								
		HYPERION TELECOMMUNICATIONS, INC.																								
		MCIMETRO ATS, INC.**																								
		TELERGY JOINT VENTURE																								
		TELEPORT COMM GROUP*																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	5	5	6		
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	FISHERS ISLAND NEW YORK	ACC NATIONAL TELECOM CORP.*																								
		ALLEGIANCE TELECOM, INC.																								
		AMERICAN NETWORK, INC.																								
		AT&T LOCAL*																								
		BROOKS FIBER PROPERTIES, INC.**																								
		CABLE LIGHTPATH, INC.																								
		COMAV CORP.																								
		E.SPIRE COMMUNICATIONS, INC.																								
		FOCAL COMMUNICATIONS CORP.																								
		FRONTIER LOCAL SERVICES, INC.																								
		GLOBAL NAPS, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		LOCAL FIBER, L.L.C.																								
	MARATHON METRO, INC.																									
	MCIMETRO ATS, INC.**																									
	METROPOLITAN TELECOMMUNICATIONS																									
	NEXTLINK, INC.																									
	NORTH AMERICAN TELECOMMUNICATIONS CORP.																									
	RCN TELECOM/COMMONWEALTH TELEPHONE																									
	TELEPORT COMM GROUP*																									
	TELIGENT, INC.																									
	TIME WARNER COMMUNICATIONS, L.P.																									
	US ONE COMMUNICATIONS CORP.																									
	WINSTAR TELECOMMUNICATIONS, INC.																									
	WORLDCOM TECHNOLOGIES, INC.**																									
	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	2	3	3	3	4	5	6	6	6	8	9	10	12	12	14	15	17	18	20	19	19			
	POUGHKEEPSIE	AT&T LOCAL*																								
		WORLDCOM TECHNOLOGIES, INC.**																								
	ROCHESTER	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1			
		AT&T LOCAL*																								
		ACC NATIONAL TELECOM CORP.*																								
		MCIMETRO ATS, INC.**																								
		NORTHPOINT COMMUNICATIONS, INC.																								
		TELEPORT COMM GROUP*																								
		TIME WARNER COMMUNICATIONS, L.P.																								
		TIMELY INFORMATION CORP.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	2	2	2	2	3	3	3	3	3	3	3	3	2	4	5	4	4	4	4		
		SYRACUSE	ACC NATIONAL TELECOM CORP.*																							
	AT&T LOCAL*																									
	HYPERION TELECOMMUNICATIONS, INC.																									
	NORTHLAND NETWORKS																									
	TELEPORT COMM GROUP*																									
	TELERGY JOINT VENTURE																									
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	3	4	4	4				
NORTH CAROLINA	ASHEVILLE	AT&T LOCAL*																								
		ITC HOLDING CO.																								
		US LEC, L.L.C.																								
	CHARLOTTE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	3	3	3		
		ALLTEL COMMUNICATIONS, INC.																								
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		CTC EXCHANGE SERVICES, INC.																								
		FIBER SOUTH, INC.																								
		ICG TELECOM GROUP, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		INTERPATH COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		TELEPORT COMM GROUP*																								
		TIME WARNER COMMUNICATIONS, L.P.																								

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
NORTH CAROLINA	CHARLOTTE (CONT'D)	US LEC. L.L.C.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	7	10	10	9	9	9	10	
		AT&T LOCAL*																								
		INTERPATH COMMUNICATIONS, INC.																								
	FAYETTEVILLE	US LEC. L.L.C.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	
		ALLTEL COMMUNICATIONS, INC.																								
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		INTERPATH COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		FIBER SOUTH, INC.																								
		KMC TELECOM CORP.																								
		TIME WARNER COMMUNICATIONS, L.P.																								
	US LEC. L.L.C.																									
	GREENSBORO	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	5	5	5	5	6	8	
		ALLTEL COMMUNICATIONS, INC.																								
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		FIBER SOUTH, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		INTERPATH COMMUNICATIONS, INC.																								
		ITC HOLDING CO.																								
		MCIMETRO ATS, INC.**																								
		TIME WARNER COMMUNICATIONS, L.P.																								
	US LEC. L.L.C.																									
	RALEIGH	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	6	6	8	7	7	8	9
		INTERPATH COMMUNICATIONS, INC.																								
		US LEC. L.L.C.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	
		AT&T LOCAL*																								
		BUSINESS TELECOM, INC.																								
		INTERPATH COMMUNICATIONS, INC.																								
		US LEC. L.L.C.																								
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	4	4	4	
		NORTH DAKOTA	BISMARCK	MCLEOD NETWORK SERVICES***																						
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		
BRAINERD-FARGO	AT&T LOCAL*																									
	C-I COMMUNICATIONS, INC.																									
	ECLIPSE COMMUNICATIONS CORP.																									
	INFOTEL COMMUNICATIONS, L.L.C.																									
	OTTER TAIL TELCOM, L.L.C.																									
	TEKSTAR COMMUNICATIONS, INC.																									
	U.S. LINK, INC.																									
	WETEC																									
TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	7	7	6	7			
OHIO	AKRON		AT&T LOCAL*																							
		FRONTIER LOCAL SERVICES, INC.																								
		ICG TELECOM GROUP, INC.																								
		NEXTLINK, INC.																								
	CINCINNATI	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	4	4		
		AT&T LOCAL*																								
		CINCINNATI BELL LONG DISTANCE, INC.																								
		FRONTIER LOCAL SERVICES, INC.																								
		ICG TELECOM GROUP, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		MCIMETRO ATS, INC.**																								
		TELEPORT COMM GROUP*																								
	TIME WARNER COMMUNICATIONS, L.P.																									
	WINSTAR TELECOMMUNICATIONS, INC.																									
	CLEVELAND	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	6	5	5	5	5	8		
		AT&T LOCAL*																								
		CABLE LIGHTPATH, INC.																								
		FRONTIER LOCAL SERVICES, INC.																								
		ICG TELECOM GROUP, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
MCIMETRO ATS, INC.**																										
NEXTLINK, INC.																										

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES															
			1994				1995				1996				1997			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
OHIO	CLEVELAND (CONT'D)	TELEPORT COMM GROUP*																
		TELIGENT, INC.																
		WINSTAR TELECOMMUNICATIONS, INC.																
		WORLDCOM TECHNOLOGIES, INC.**																
	COLUMBUS	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	1	2	3	4	4	5	5
		AT&T LOCAL*																
		FRONTIER LOCAL SERVICES, INC.																
		ICG TELECOM GROUP, INC.																
	DAYTON	NEXTLINK, INC.																
		TIME WARNER COMMUNICATIONS, L.P.																
		WINSTAR TELECOMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3
	LIMA-MANSFIELD	AT&T LOCAL*																
		ICG TELECOM GROUP, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOLEDO	AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		BUCKEYE TELESYSTEM																
		ICG TELECOM GROUP, INC.																
	YOUNGSTOWN	MCIMETRO ATS, INC.**																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3
		AT&T LOCAL*																
OKLAHOMA	OKLAHOMA CITY	AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		COX COMMUNICATIONS, INC.																
		DOBSON WIRELESS, INC.																
	TULSA	MCIMETRO ATS, INC.**																
		PIONEER LONG DISTANCE, INC.																
		SURE-TEL																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	1	1	1	4	4	4
		AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		DOBSON WIRELESS, INC.																
		E.SPIRE COMMUNICATIONS, INC.																
		MCIMETRO ATS, INC.**																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3
OREGON	EUGENE	AT&T LOCAL*																
		RIO COMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	PORTLAND	AT&T LOCAL*																
		ELECTRIC LIGHTWAVE, INC.																
		FRONTIER LOCAL SERVICES, INC.																
		GREAT WEST SERVICES, LTD.																
		GST LIGHTWAVE, INC.																
		MCIMETRO ATS, INC.**																
		NORTH COUNTY COMMUNICATIONS CORP.																
		NORTH SANTIAM COMMUNICATIONS																
		OGC TELECOMM, LTD.																
		TELEPORT COMM GROUP*																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	1	1	1	1	2	2	2	2	4	5	5	7
PENNSYLVANIA****	ALTOONA	AT&T LOCAL*																
		HYPERION TELECOMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
	ERIE	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		AT&T LOCAL*																
		HYPERION TELECOMMUNICATIONS, INC.																
	HARRISBURG	NEXTLINK, INC.																
		RCN TELECOM/COMMONWEALTH TELEPHONE																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	4
	PHILADELPHIA	AT&T LOCAL*																
		ATX TELECOMMUNICATION SERVICES, LTD.																
		CONECTIV COMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES															
			1994				1995				1996				1997			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PENNSYLVANIA****	PHILADELPHIA (CONT'D)	CONESTOGA COMMUNICATIONS, INC.																
		FOCAL COMMUNICATIONS CORP.																
		HYPERION TELECOMMUNICATIONS, INC.																
		INTERMEDIA COMMUNICATIONS, INC.																
		LEVEL 3 COMMUNICATIONS, L.L.C.																
		MCIMETRO ATS, INC.**																
		NEXTLINK, INC.																
		RCN TELECOM/COMMONWEALTH TELEPHONE																
		SERVICE ELECTRIC TELEPHONE, INC.																
		TELEPORT COMM GROUP*																
		TELIGENT, INC.																
		WINSTAR TELECOMMUNICATIONS, INC.																
		WORLDCOM TECHNOLOGIES, INC.**																
	PITTSBURGH	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	2	4	4	4	5	6	9
		AT&T LOCAL*																
		ATX TELECOMMUNICATION SERVICES, LTD.																
		FULL SERVICE COMPUTING CORP.																
		HYPERION TELECOMMUNICATIONS, INC.																
		INTERMEDIA COMMUNICATIONS, INC.																
		MCIMETRO ATS, INC.**																
		PENN TELECOM, INC.																
	SCRANTON	TELEPORT COMM GROUP*																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	4
		AT&T LOCAL*																
		HYPERION TELECOMMUNICATIONS, INC.																
		NEXTLINK, INC.																
		RCN TELECOM/COMMONWEALTH TELEPHONE																
		SERVICE ELECTRIC TELEPHONE, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
RHODE ISLAND	RHODE ISLAND	AT&T LOCAL*																
		BROOKS FIBER PROPERTIES, INC.**																
		COX COMMUNICATIONS, INC.																
		GLOBAL NAPS, INC.																
		LEVEL 3 COMMUNICATIONS, L.L.C.																
		MCIMETRO ATS, INC.**																
		TELEPORT COMM GROUP*																
		WORLDCOM TECHNOLOGIES, INC.**																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
SOUTH CAROLINA	CHARLESTON	AT&T LOCAL*																
		ITC HOLDING CO.																
		NEW SOUTH COMMUNICATIONS, L.L.C.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	COLUMBIA	AT&T LOCAL*																
		BUSINESS TELECOM, INC.																
		E.SPIRE COMMUNICATIONS, INC.																
		ITC HOLDING CO.																
	FLORENCE	NEW SOUTH COMMUNICATIONS, L.L.C.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
		AT&T LOCAL*																
		ITC HOLDING CO.																
	GREENVILLE	HTC COMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
		AT&T LOCAL*																
		BUSINESS TELECOM, INC.																
SOUTH DAKOTA	SOUTH DAKOTA	E.SPIRE COMMUNICATIONS, INC.																
		ITC HOLDING CO.																
		NEW SOUTH COMMUNICATIONS, L.L.C.																
		OMNICAL, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2
		AT&T LOCAL*																
		DAKOTA TELECOMMUNICATIONS, INC.***																
		MCLEOD NETWORK SERVICES***																
		MIDCO COMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
TENNESSEE	BRISTOL-JOHNSON CITY	NA COMMUNICATIONS, INC.																
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CHATTANOOGA	AT&T LOCAL*																
		TELEPORT COMM GROUP*																

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																					
			1994				1995				1996				1997				1998				1999	
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	C2
TENNESSEE	CHATTANOOGA (CONT'D)	US LEC, L.L.C.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	2	2	2	
	KNOXVILLE	AT&T LOCAL*																						
		BROOKS FIBER PROPERTIES, INC.**																						
		MCIMETRO ATS, INC.**																						
		TELEPORT COMM GROUP*																						
		US LEC, L.L.C.																						
		WORLDCOM TECHNOLOGIES, INC.**																						
	MEMPHIS	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	4	3	3	3	3	
		AT&T LOCAL*																						
		INTERMEDIA COMMUNICATIONS, INC.																						
		MCIMETRO ATS, INC.**																						
		NEXTLINK, INC.																						
	NASHVILLE	TIME WARNER COMMUNICATIONS, L.P.																						
		US LEC, L.L.C.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	2	3	3	3	3	4	5	6	6	6	6	6	
		AT&T LOCAL*																						
		HYPERION TELECOMMUNICATIONS, INC.																						
TEXAS	ABILENE	GOLDEN HARBOR, INC.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
	AMARILLO	DOBSON WIRELESS, INC.																						
		GOLDEN HARBOR, INC.																						
		W.T. SERVICES, INC.																						
		XIT TELECOMMUNICATION & TECHNOLOGY, INC.																						
	AUSTIN	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	4	4	4	4	
		AT&T LOCAL*																						
		AUSTIN BESTLINE CO.																						
		BROOKS FIBER PROPERTIES, INC.**																						
		DOBSON WIRELESS, INC.																						
		E.SPIRE COMMUNICATIONS, INC.																						
		GOLDEN HARBOR, INC.																						
		ICG TELECOM GROUP, INC.																						
		MCIMETRO ATS, INC.**																						
		MULTITECHNOLOGY SERVICES, L.P.																						
		TAYLOR COMMUNICATIONS GROUP, INC.																						
		TELIGENT, INC.																						
		TIME WARNER COMMUNICATIONS, L.P.																						
		US LONG DISTANCE, INC.																						
		WESTEL, INC.																						
		WORLDCOM TECHNOLOGIES, INC.**																						
	BEAUMONT	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	1	1	3	3	6	9	9	11	12	13	13	13	13	
		AT&T LOCAL*																						
	BROWNSVILLE	GOLDEN HARBOR, INC.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	
	CORPUS CHRISTI	GOLDEN HARBOR, INC.																						
		AT&T LOCAL*																						
		GOLDEN HARBOR, INC.																						
		ICG TELECOM GROUP, INC.																						
	DALLAS	IWL COMMUNICATIONS, INC.																						
		KMC TELECOM CORP.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	4	4	4	4	5	
		ALLEGIANCE TELECOM, INC.																						
		AT&T LOCAL*																						
		BROOKS FIBER PROPERTIES, INC.**																						
		COSERV, L.L.C.																						
		DOBSON WIRELESS, INC.																						

Table 4.2
Local Service Competitors Identified - Continued

			QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																							
STATE	LATA	COMPANY	1994				1995				1996				1997				1998				1999			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
TEXAS	DALLAS (CONT'D)	GREAT WEST SERVICES, LTD.																								
		GST LIGHTWAVE, INC.																								
		ICG TELECOM GROUP, INC.																								
		INTERMEDIA COMMUNICATIONS, INC.																								
		LEVEL 3 COMMUNICATIONS, L.L.C.																								
		MCIMETRO ATS, INC.**																								
		MULTITECHNOLOGY SERVICES, L.P.																								
		NEXLINK, INC.																								
		NORTEX TELCOM, L.L.C.																								
		OPTEL TEXAS TELECOM, INC.																								
		SOUTHWESTERN BELL TELEPHONE CO.																								
		TAYLOR COMMUNICATIONS GROUP, INC.																								
		TCI TELEPHONY SERVICES*																								
		TELEPORT COMM GROUP*																								
		TELIGENT, INC.																								
		TIME WARNER COMMUNICATIONS, L.P.																								
		US LONG DISTANCE, INC.																								
		WESTEL, INC.																								
		WINSTAR TELECOMMUNICATIONS, INC.																								
		WORLDCOM TECHNOLOGIES, INC.**																								
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	1	2	2	2	3	7	10	12	14	16	20	22	25	24	24	
		AT&T LOCAL*																								
		EL PASO	E.SPIRE COMMUNICATIONS, INC.																							
			GOLDEN HARBOR, INC.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	3	3		
		HEARNE	GOLDEN HARBOR, INC.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1		
		HOUSTON	ALLEGIANCE TELECOM, INC.																							
			AT&T LOCAL*																							
			BROOKS FIBER PROPERTIES, INC.**																							
			CYPRESS TELECOMMUNICATIONS CORP.																							
			DOBSON WIRELESS, INC.																							
			FRONTIER LOCAL SERVICES, INC.																							
			GOLDEN HARBOR, INC.																							
			GST LIGHTWAVE, INC.																							
			ICG TELECOM GROUP, INC.																							
			INTERMEDIA COMMUNICATIONS, INC.																							
			IWL COMMUNICATIONS, INC.																							
			KINGSGATE TEL, INC.																							
			LEVEL 3 COMMUNICATIONS, L.L.C.																							
			MCIMETRO ATS, INC.**																							
			NEXLINK, INC.																							
			OPTEL TEXAS TELECOM, INC.																							
			TAYLOR COMMUNICATIONS GROUP, INC.																							
			TELEPORT COMM GROUP*																							
			TELIGENT, INC.																							
			TIME WARNER COMMUNICATIONS, L.P.																							
			US LONG DISTANCE, INC.																							
			WESTEL, INC.																							
			WINSTAR TELECOMMUNICATIONS, INC.																							
			WORLDCOM TECHNOLOGIES, INC.**																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	1	2	3	3	2	3	4	10	13	13	13	16	19	19	19		
		LONGVIEW	AT&T LOCAL*																							
			GOLDEN HARBOR, INC.																							
			KMC TELECOM CORP.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3		
		LUBBOCK	DOBSON WIRELESS, INC.																							
			GOLDEN HARBOR, INC.																							
			POKA LAMBRO TELEPHONE																							
			TECH TELEPHONE COMPANY, LTD.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	4		
		MIDLAND	GOLDEN HARBOR, INC.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1		
		SAN ANGELO	GOLDEN HARBOR, INC.																							
			TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		
		SAN ANTONIO	AT&T LOCAL*																							
			BROOKS FIBER PROPERTIES, INC.**																							
		DOBSON WIRELESS, INC.																								
		E.SPIRE COMMUNICATIONS, INC.																								

Table 4.2

[illegible]

Table 4.2
Local Service Competitors Identified - Continued

STATE	LATA	COMPANY	QUARTERS COMPANY HELD ONE OR MORE NUMBERING CODES																					
			1994				1995				1996				1997				1998				1999	
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
WASHINGTON	SEATTLE (CONT'D)	MCIMETRO ATS. INC.**																						
		NEXTLINK, INC.																						
		RAINIER CABLE, INC.																						
		TELEPORT COMM GROUP*																						
		WINSTAR TELECOMMUNICATIONS, INC.																						
	SPOKANE	WORLDCOM TECHNOLOGIES, INC.**																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	2	2	3	3	4	4	4	4	5	5	5	7	7	9	10	11	11	12	12	12
		AT&T LOCAL*																						
		ELECTRIC LIGHTWAVE, INC.																						
		GST LIGHTWAVE, INC.																						
WEST VIRGINIA	BLUEFIELD	NEXTLINK, INC.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		AT&T LOCAL*																						
	CHARLESTON	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
		AT&T LOCAL*																						
	CLARKSBURG	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
		AT&T LOCAL*																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
WISCONSIN	EAU CLAIRE	AT&T LOCAL*																						
		CHEQUAMEGON TELECOMMUNICATIONS COMP.																						
		CTC COMMUNICATIONS, INC.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	
	GREEN BAY	AT&T LOCAL*																						
		BAYLAND COMMUNICATIONS, INC.																						
		TDS METROCOM, INC.																						
		US XCHANGE, L.L.C.																						
	MADISON	TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	4	4		
		AT&T LOCAL*																						
		KMC TELECOM CORP.																						
		MID-PLAINS COMMUNICATIONS SYSTEMS, INC.																						
	MILWAUKEE	TDS METROCOM, INC.																						
		US XCHANGE, L.L.C.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	4	5	5	5		
		AT&T LOCAL*																						
WYOMING	WYOMING	MCIMETRO ATS. INC.**																						
		MCLEOD NETWORK SERVICES***																						
		OVATION COMMUNICATIONS, INC.***																						
		SHARON TELEPHONE CO.																						
		TELEPORT COMM GROUP*																						
	WYOMING	TELIGENT, INC.																						
		TIME WARNER COMMUNICATIONS, L.P.																						
		US XCHANGE, L.L.C.																						
		WINSTAR TELECOMMUNICATIONS, INC.																						
		TOTAL LOCAL SERVICE COMPETITORS IN THE LATA	0	0	0	1	1	1	2	2	2	2	2	3	4	4	4	6	6	7	8	8	8	
TOTAL LATA MARKETS*****			0	2	8	21	29	34	46	56	78	113	156	182	224	292	367	451	511	616	654	768	812	871
TOTAL NATIONWIDE (UNDUPLICATED)			0	2	5	8	10	11	12	13	15	20	27	31	41	53	72	90	95	112	141	150	153	158

- * ACC National Telecom Corp. and Teleport Comm Group merged April 22, 1998. The combined company, Teleport Comm Group, merged with AT&T Local July 23, 1998. AT&T Local merged with TCI Telephony Services March 9, 1999.
- ** Brooks Fiber Properties, Inc. merged with WorldComTechnologies, Inc. January 30, 1998. The combined company, Worldcom Technologies, Inc. merged with MCIMetro ATS, Inc. September 14, 1998.
- *** Ovation Communications, Inc. merged with Phone Michigan in October of 1998. McLeod Network Services merged both with the combined company Ovation Communications, Inc. and Dakota Telecommunications, Inc. in March of 1999.
- **** Delaware resides entirely within the Philadelphia LATA. Therefore, competitors holding codes in the Philadelphia LATA are included in both Pennsylvania and Delaware figures.
- ***** Local service competitors are counted once for each LATA where they hold numbering codes.